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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

AUGUST 31, 1989

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

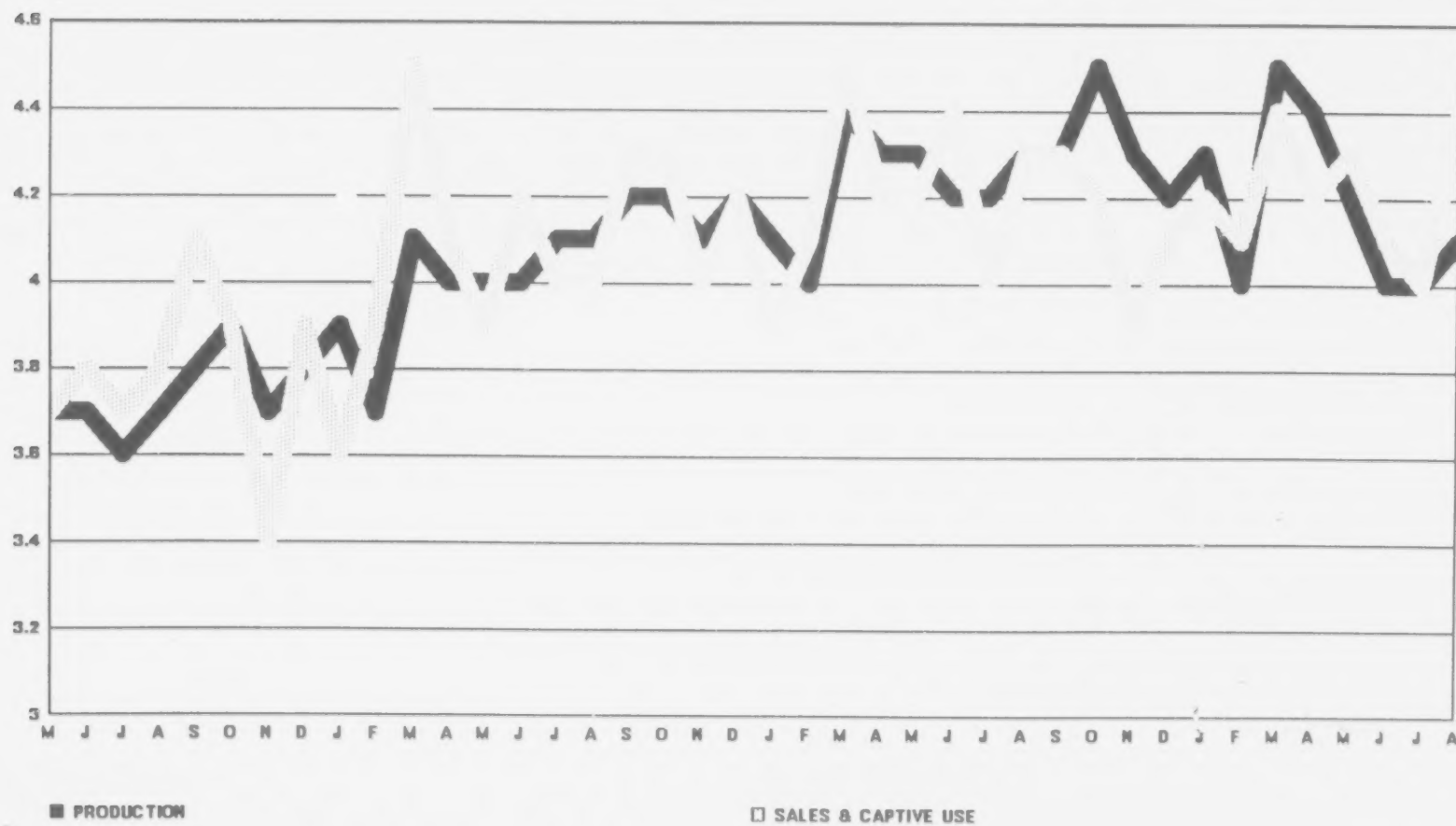
Release Date: OCTOBER 20, 1989

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

AUGUST 1989



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

AUGUST 1989

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	38,556	39,428	-2.2	332,933	313,733	6.1	41,690	40,092	4.0	359,122	315,458	13.8
POLYESTER (UNSATURATED) RESINS, TOTAL	112,794	123,564	-8.7	909,516	960,861	-5.3	114,210	122,846	-7.0	919,415	967,186	-4.9
UREA RESINS, TOTAL	121,675	107,221	13.5	942,049	866,335	8.7	77,876	107,899	-27.8	807,032	939,045	-14.1
MELAMINE RESINS, TOTAL	17,735	16,783	5.7	150,953	133,411	13.1	16,706	16,187	3.2	156,658	135,570	15.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	200,519	247,492	-19.0	1,808,840	1,993,212	-9.2	224,377	247,626	-9.4	1,920,451	1,994,123	-3.7
THERMOSETTING RESINS, TOTAL	491,279	534,488	-8.1	4,144,291	4,267,552	-2.9	474,859	534,650	-11.2	4,162,678	4,351,382	-4.3
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	930,483	853,226	9.1	6,899,267	6,755,120	2.1	740,808	860,463	-13.9	6,404,018 R	6,804,945	-5.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	727,756	683,544	6.5	5,352,333	5,537,782	-3.3	731,278	697,645	4.8	5,493,737	5,618,880	-2.2
POLYPROPYLENE, TOTAL	606,179	638,691	-5.1	4,819,124	4,791,225	0.6	562,358	636,195	-11.6	4,972,229	4,808,723	3.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	86,276	112,597	-23.4	833,435 R	841,818	-1.0	94,895	108,473	-12.5	914,377 R	830,741	10.1
STYRENE-ACRYLONITRILE (SAM) RESINS, TOTAL	10,307	11,976	-13.9	88,350	95,961	-7.9	9,489	11,887	-20.2	81,978	95,687	-14.3
POLYSTYRENE RESINS, TOTAL	461,345	441,479	4.5	3,486,242	3,413,063	2.1	445,883	452,142	-1.4	3,535,706	3,462,286	2.1
STYRENE BASED LATEXES, TOTAL ***	92,608	89,823	3.1	689,801	669,784	3.0	76,388	82,104	-7.0	642,786	636,377	1.0
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,224	15,868	-16.7	103,266	121,886	-15.3	11,643	12,516	-7.0	98,258	123,798	-20.6
NYLON RESINS (6)	45,667	45,891	-0.5	393,229	378,760	3.8	44,331	47,490	-6.7	387,955	368,641	5.2
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	719,547	720,619	-0.1	5,613,932	5,535,608	1.4	719,715	738,922	-2.6	5,671,297	5,491,151	3.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,100	16,888	1.3	133,945 R	139,160	-3.7	19,133	17,864	7.1	150,742 R	147,863	1.9
THERMOPLASTIC POLYESTER, TOTAL (6)	152,149	138,232	10.1	1,135,299	1,092,572	3.9	120,047	128,493	-6.6	1,078,623	1,074,627	0.4
THERMOPLASTIC RESINS, TOTAL	3,862,641	3,768,834	2.5	29,548,223 R	29,372,739	0.6	3,575,968	3,794,194	-5.8	29,431,706 R	29,463,719	-0.1
GRAND TOTAL	4,353,920	4,303,322	1.2	33,692,514 R	33,640,291	0.2	4,050,827	4,328,844	-6.4	33,594,384 R	33,815,101	-0.7

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

D = Disclosure.
R = Revision.

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	38,556	39,428	-2.2	332,933	313,733	6.1	41,690	40,092	4.0	359,122	315,458	13.8
Total Exports	6,758	7,676	-12.0	61,945	61,236	1.2						
Captive Use, Total	1,673	1,346	24.3	11,857	9,570	23.9						
Domestic Sales, Total	30,125	30,406	-0.9	259,131	242,927	6.7						
Domestic Sales & Captive Use, Total	31,798	31,752	0.1	270,988	252,497	7.3						
Bonding & Adhesives	1,873	1,600	17.1	17,021	14,944	13.9						
Flooring, Paving & Exposed Aggregate	2,022	2,444	-17.3	16,455	16,896	-2.6						
Protective Coatings	15,466	15,565	-0.6	131,848	120,840	9.1						
Fiber Reinforced Lam. & Comp., Total	6,535	6,679	-2.2	58,319	56,317	3.6						
FRL&C for Printed Wiring Board	4,275	4,793	-10.8	40,527	38,574	5.1						
All Other FRL&C	2,260	1,886	19.8	17,792	17,743	0.3						
Tooling, Casting & Molding Resins	2,414	2,533	-4.7	20,684	17,587	17.6						
All Other Uses	3,488	2,931	19.0	26,661	25,913	2.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	112,794	123,564	-8.7	909,516	960,861	-5.3	114,210	122,846	-7.0	919,415	967,186	-4.9
Total Exports	2,630	1,081	143.3	17,701	9,867	79.4						
Total Domestic	110,164	122,483	-10.1	891,815	950,994	-6.2						
General Purpose Resins, Total	95,200	106,115	-10.3	769,224	828,647	-7.2						
General Purpose - Thixotropic	41,517	49,550	-16.2	342,713	387,097	-11.5						
General Purpose - Press Molding	11,593	11,051	4.9	88,112	88,997	-1.0						
General Purpose - All Other	42,090	45,514	-7.5	338,399	352,553	-4.0						
Flame Retardant Resins	2,099	2,412	-13.0	15,970	19,615	-18.6						
Chemical Resistant Resins	12,865	13,956	-7.8	106,621	102,732	3.8						
Chemical Resistant Isophthalic Resins	9,110	10,389	-12.3	80,949	74,432	8.8						
All Other Chemical Resistant Resins	3,755	3,567	5.3	25,672	28,300	-9.3						
Reinforced Plastics, Total	80,641	92,424	-12.7	664,797	726,317	-8.5						
Non-Reinforced Plastics, Total	29,523	30,059	-1.8	227,018	224,677	1.0						

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

R = REVISION

PAGE 3

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In Thousands of Pounds, Dry Weight Basis)(1)

CRS

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
UREA RESINS, TOTAL	121,675	107,221	13.5	942,049	866,335	8.7	77,876	107,899	-27.8	807,032	939,045	-14.1
MELAMINE RESINS, TOTAL	17,735	16,783	5.7	150,953	133,411	13.1	16,706	16,187	3.2	156,658	135,570	15.6
UREA & MELAMINE RESINS, TOTAL	139,410	124,004	12.4	1,093,002	999,746	9.3	94,582	124,086	-23.8	963,690	1,074,615	-10.3
Total Exports	D1	D1		D1	D1							
Total Domestic	139,410	124,004	12.4	1,093,002	999,746	9.3						
Textile Treating & Coating Resins	2,111	1,738	21.5	18,085	17,186	5.2	2,670	2,620	1.9	22,020	20,981	5.0
Paper Treating & Coating Resins	4,712	4,229	11.4	37,698	35,386	6.5	3,972	4,458	-10.9	36,296	37,342	-2.8
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	111,089	100,235	10.8	881,556	800,062	10.2	72,851	99,239	-26.6	757,932	797,772	-5.0
Laminating	5,534	3,668	50.9	53,389	26,878	98.6	4,620	3,345	38.1	45,522	25,857	76.1
Plywood	5,263	4,225	24.6	45,791	33,261	37.7	4,520	4,168	8.4	44,835	35,039	28.0
Fibrous & Granulated Wood (Particle Board)	100,292	92,342	8.6	782,376	739,923	5.7	63,711	91,726	-30.5	667,575	799,876	-16.5
Protective Coatings (Straight & Modified)	8,621	9,258	-6.9	74,067	73,634	0.6	10,020	10,584	-5.3	92,980	85,209	9.1
All Other Uses	12,877	8,544	50.7	81,596	73,478	11.0	5,069	7,185	-29.5	54,462	70,311	-22.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	200,519	247,492	-19.0	1,808,840	1,993,212	-9.2	224,377	247,626	-9.4	1,920,451	1,994,123	-3.7
Total Exports	1,243	1,497	-17.0	12,095	15,188	-20.4						
Total Domestic	199,276	245,995	-19.0	1,796,745	1,978,024	-9.2						
Molding Compounds	15,601	16,006	-2.5	120,637	127,470	-5.4	16,550	17,306	-4.4	128,641	136,451	-5.7
Bonding & Adhesive Resins for:	180,035	221,093	-18.6	1,648,596	1,782,581	-7.5	204,016	221,045	-7.7	1,761,612	1,789,375	-1.6
Laminating	19,356	17,698	9.4	148,445	138,705	7.0	17,172	17,553	-2.2	147,286	139,341	5.7
Coated & Bonded Abrasives	1,538	1,499	2.6	17,810	14,883	19.7	1,270	1,507	-15.7	18,666	14,967	24.7
Friction Materials	3,096	2,973	4.1	26,732	25,031	6.8	1,964	3,063	-35.9	25,577	25,163	1.6
Insulation Materials	34,542	44,510	-22.4	285,275	312,484	-8.7	30,981	44,572	-30.5	283,414	313,390	-9.6
Foundry & Shell Molding	3,596	3,715	-3.2	30,983	34,335	-9.8	2,396	3,695	-35.2	29,547	34,575	-14.5
Plywood	85,545	126,062	-32.1	869,993	1,034,063	-15.9	118,478	126,057	-6.0	937,731	1,034,897	-9.4
Fibrous & Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins sold to Rubber Industry	1,309	1,632	-19.8	10,105	12,912	-21.7	1,076	1,745	-38.3	10,277	16,514	-37.8
All Other	31,053	23,004	35.0	259,253	210,168	23.4	30,679	22,853	34.2	309,114	210,528	46.8
Protective Coatings - Unmodified & Modified	1,146	1,767	-35.1	8,882	14,193	-37.4	1,126	1,761	-36.1	8,563	14,209	-39.7
Resins sold to Rubber Ind., Non-Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	2,494	7,129	-65.0	18,630	53,780	-65.4	2,685	7,514	-64.3	21,635	54,088	-60.0

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Except phenolic resins which are reported on a gross weight basis.

SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)CRS
AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	930,483	853,226	9.1	6,899,267	6,755,120	2.1	798,109	N/A		6,880,572 R	N/A	
Total Imports							57,301	N/A		476,554	N/A	
Total Exports	85,971	87,934	-2.2	678,772	652,625	4.0						
Total Domestic	844,512	765,292	10.4	6,220,495	6,102,495	1.9	740,808	860,463	-13.9	6,404,018 R	6,804,945	-5.9
Film (12 Mils & Below)	506,918	472,932	N/C	3,664,380	3,651,559	N/C						
Packaging Film	290,722	N/A		2,145,377	N/A							
Food Packaging Film	110,882	N/A		816,960	N/A							
Non-Food Packaging Film	138,752	N/A		1,026,287	N/A							
Shrink Film	13,618	N/A		92,863	N/A							
Stretch Film	27,470	N/A		209,267	N/A							
Non-Packaging Film	216,196	N/A		1,519,003	N/A							
Carry-Out Bags	30,397	N/A		240,781	N/A							
Trash and Can Liners	108,017	N/A		769,678	N/A							
Other Non-Packaging Film	77,782	N/A		508,544	N/A							
Sheet (Over 12 Mils)	8,568	D4		82,508	D4							
Injection Molding	77,982	64,225	21.4	559,522	481,289	16.3						
Injection Molded Lids	21,823	N/A		157,971	N/A							
Injection Molded Housewares	20,609	N/A		128,908	N/A							
Other Injection Molding	35,550	N/A		272,643	N/A							
Wire & Cable	34,265	30,896	10.9	258,241	253,874	1.7						
Extrusion Coating	61,084	61,567	-0.8	465,794	504,126	-7.6						
Blow Molding	7,863	7,863	0.0	60,728	48,934	24.1						
Pipe & Conduit, Total	4,961	3,956	25.4	46,825	41,459	12.9						
Corrugated Pipe & Conduit	0	0		0	0							
Non-Corrugated Pipe & Conduit	0	0		0	0							
Other Extruded Products	7,908	13,614	-41.9	70,281	124,918	-43.7						
Rotomolding	20,261	N/A		144,621	N/A							
Resellers & Compounders, Total	62,410	46,682	33.7	466,913	396,779	17.7						
Resellers	48,010	N/A		343,625	N/A							
Compounders	14,400	N/A		123,288	N/A							
Adhesives and Sealants	9,003	N/A		77,946	N/A							
All Other Uses	43,289	63,557	-31.9	322,736	599,557	-46.2						

D4 = Disclosure: Included in Film.

(6) = 1989 Data Includes Sales from Imports.

N/A = Data not available.
N/C = Data not comparable.
D = Disclosure.
R = REVISION

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

PAGE 5

SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)CRS
AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	727,756	683,544	6.5	5,352,333	5,537,782	-3.3	731,278	697,645	4.8	5,493,737	5,618,880	-2.2
Total Exports	96,385	41,855	130.3	565,797	472,332	19.8						
Total Domestic	631,371	641,689	-1.6	4,786,536	5,065,450	-5.5						
Film (12 Mils & Below)	61,952	67,545	-8.3	476,812	490,296	-2.8						
Packaging Film	20,239	N/A		135,718	N/A							
Food Packaging Film	14,783	N/A		99,677	N/A							
Non-Food Packaging Film	5,456	N/A		36,041	N/A							
Non-Packaging Film	41,713	N/A		341,094	N/A							
Carry-Out Bags	18,359	N/A		168,674	N/A							
Trash and Can Liners	09	N/A		09	N/A							
Other Non-Packaging Film	23,354	N/A		172,420	N/A							
Sheet (Over 12 Mils)	27,219	30,211	-9.9	209,298	184,121	13.7						
Injection Molding	119,918	138,577	-13.5	928,860	1,148,843	-19.1						
Injection Molded Industrial Parts	39,516	N/A		288,298	N/A							
Injection Molded Housewares	15,640	N/A		104,531	N/A							
Injection Molded Food Tubs and Containers	18,745	N/A		152,176	N/A							
Crates & Totes	14,174	N/A		102,783	N/A							
Other Injection Molding	31,843	N/A		281,072	N/A							
Wire & Cable	13,891	12,933	7.4	98,860	82,876	19.3						
Extrusion Coating	05	05		05	05							
Blow Molding	247,737	263,552	-6.0	1,930,654	2,059,890	-6.3						
Motor Oil Bottles	23,348	N/A		150,313	N/A							
Liquid Food Bottles	76,108	N/A		595,350	N/A							
Household Chemical Bottles	77,240	N/A		593,207	N/A							
Large Containers	20,694	N/A		184,431	N/A							
Other Blow Molding	50,347	N/A		407,353	N/A							
Pipe & Conduit, Total	45,428	42,582	6.7	328,121	368,176	-10.9						
Corrugated Pipe & Conduit	9,112	7,094	28.4	61,416	84,093	-27.0						
Non-Corrugated Pipe & Conduit	36,316	35,488	2.3	266,705	284,083	-6.1						
Other Extruded Products	6,992	8,280	-15.6	46,440	66,365	-30.0						
Rotomolding	5,280	N/A		45,941	N/A							
Resettlers & Compounders, Total	70,810	49,512	43.0	494,143	428,273	15.4						
Resettlers	63,076	N/A		427,862	N/A							
Compounders	7,734	N/A		66,281	N/A							
All Other Uses	32,144	28,497	12.8	227,407	236,610	-3.9						

D5 = Disclosure: Included in Other Extruded Products.

D9 = Disclosure: Included in Other Non-Packaging Film.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

N/A = Not Available.

R = REVISION

Page 6

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYPROPYLENE, TOTAL	606,179	638,691	-5.1	4,819,124	4,791,225	0.6	562,358	636,195	-11.6	4,972,229	4,808,723	3.4
Total Exports	66,206	128,140	-48.3	740,772	824,082	-10.1						
Total Domestic	539,973	510,551	5.8	4,078,352	3,967,143	2.8						
Injection Molding	149,924	144,061	4.1	1,213,108	1,140,840	6.3						
Appliances	12,599	11,558	9.0	107,757	96,711	11.4						
Consumer Products	48,480	33,625	44.2	370,796	274,940	34.9						
Rigid Packaging	52,289	53,243	-1.8	427,844	418,968	2.1						
Transportation	21,639	26,863	-19.4	190,161	200,810	-5.3						
All Other Injection Molding	14,917	18,772	-20.5	116,550	149,411	-22.0						
Blow Molding	11,267	13,560	-16.9	83,239	88,512	-6.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 MILS & Below)	49,603	50,191	-1.2	392,453	392,182	0.1						
Oriented Film	40,267	N/A		298,920	N/A							
Non-Oriented Film	9,336	N/A		93,533	N/A							
Sheet (Over 10 MILS)	8,795	9,562	-8.0	86,386	82,289	5.0						
Extrusion Coating	D5	D		D5	D							
Wire & Cable	D5	D		D5	D							
Fiber & Filaments	186,258	165,573	12.5	1,331,344	1,241,517	7.2						
Textile Applications, Total	176,619	154,239	14.5	1,264,641	1,170,666	8.0						
Nonwovens	45,366	N/A		344,151	N/A							
Monofilaments and Multifilament Fibers	71,839	N/A		558,445	N/A							
Slit Film Fibers	59,414	N/A		362,045	N/A							
Non-Textile Monofilaments	9,639	11,334	-15.0	66,703	70,851	-5.9						
Pipe & Conduit	D5	D5		D5	D5							
Other Extruded Products	7,872	9,212	-14.5	64,365	69,652	-7.6						
Resellers, Distributors, & Compounders, Total	118,586	110,763	7.1	858,257	902,271	-4.9						
Resellers & Distributors	81,787	82,298	-0.6	591,196	663,200	-10.9						
Compounders	36,799	28,465	29.3	267,061	239,071	11.7						
All Other Uses	7,668	7,629	0.5	49,200	49,880	-1.4						

D5 = Disclosure: Included in Other Extruded Products.

N/A = Data not available.

D = Disclosure

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS(CRS)

D = Disclosure.

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS
AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYSTYRENE RESINS, TOTAL	461,345	441,479	4.5	3,486,242	3,413,063	2.1	445,883	452,142	-1.4	3,535,706	3,462,286	2.1
Straight Polystyrene	256,922	240,600	6.8	1,883,923	1,818,642	3.6	238,063	234,809	1.4	1,898,984	1,802,284	5.4
Rubber-Modified Polystyrene	204,423	200,879	1.8	1,602,319	1,594,421	0.5	207,820	217,333	-4.4	1,636,722	1,660,002	-1.4
Exports Total	21,147	13,248	59.6	139,455	109,433	27.4						
Straight Polystyrene	11,210	9,910	13.1	76,763	82,326	-6.8						
Rubber-Modified Polystyrene	9,937	3,338	197.7	62,692	27,107	131.3						
Domestic Total	440,198	428,231	2.8	3,346,787	3,303,630	1.3						
Molding	174,036	166,599	4.5	1,267,954	1,261,456	0.5						
Extrusion	194,016	189,924	2.2	1,505,710	1,507,419	-0.1						
Expandable Polystyrene Beads	62,459	51,962	20.2	460,953	361,970	27.3						
Block	27,474	27,071	1.5	175,003	172,760	1.3						
Shape	11,846	10,654	11.2	97,749	92,120	6.1						
Loose Fill	D6	D6		D6	D6							
Other EPS	23,139	14,237	62.5	188,201	97,090	93.8						
All Other Uses	9,687	19,746	-50.9	112,170	172,785	-35.1						
Polystyrene End Uses Total	440,198	428,231	2.8	3,346,787	3,303,630	1.3						
Packaging	64,282	84,799	-24.2	552,734	691,891	-20.1						
Disposable Food Serviceware	91,384	82,595	10.6	663,753	631,864	5.0						
Consumer and Inst. Products	46,452	65,711	-29.3	439,748	518,338	-15.2						
Electrical/Electronics	46,122	47,999	-3.9	400,554	373,691	7.2						
Furniture, Furn., Bulding & Const.	35,194	27,285	29.0	208,207	194,664	7.0						
Expandable Polystyrene Beads	62,539	51,962	20.4	461,470	361,970	27.5						
Resellers and Compounders	41,750	43,921	-4.9	339,470	350,836	-3.2						
All Other End Uses	52,475	23,959	119.0	280,851	180,376	55.7						

D6 = Disclosure: Included in Other EPS.

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	86,276	112,597	-23.4	833,435 R	841,818	-1.0	94,895	108,473	-12.5	914,377 R	830,741	10.1
SAN (STYRENE-ACRYLONITRILE-BUTADIENE), TOTAL	10,307	11,976	-13.9	88,350	95,961	-7.9	9,489	11,887	-20.2	81,978	95,687	-14.3
Total Exports	2,652	5,285	-49.8	23,435	34,164	-31.4						
Total Domestic	7,655	6,691	14.4	64,915	61,797	5.0						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,224	15,868	-16.7	103,266	121,886	-15.3	11,643	12,516	-7.0	98,258	123,798	-20.6
ABS, SAN, & OTHER STYRENICS, TOTAL	109,807	140,441	-21.8	1,025,051 R	1,059,665	-3.3	116,027	132,876	-12.7	1,094,613 R	1,050,226	4.2
Total Exports	N.R.1	N.R.1		N.R.1	N.R.1							
Total Domestic	109,807	140,441	-21.8	1,025,051 R	1,059,665	-3.3						
Electrical/Electronic	N.R.2	N.R.2		N.R.2	N.R.2							
Building and Construction	8,505	13,313	-36.1	96,460	94,788	1.8						
Transportation	17,629	29,589	-40.4	245,335	231,988	5.8						
Consumer/Institutional	N.R.2	N.R.2		N.R.2	N.R.2							
All Other	83,673	97,539	-14.2	683,256 R	732,889	-6.8						
STYRENE BASED LATEXES, TOTAL ***	92,608	89,823	3.1	689,801	669,784	3.0	76,388	82,104	-7.0	642,786	636,377	1.0
Paper Treating	2,452	2,044	20.0	19,163	20,717	-7.5						
Textile Treating	1,001	955	4.8	7,383	7,910	-6.7						
Carpet Backing	33,527	37,626	-10.9	256,349	255,293	0.4						
All Other Uses (Incl. Exports & Paper Coating)	55,628	49,198	13.1	406,906	385,864	5.5						
NYLON RESINS, TOTAL (6)	45,667	45,891	-0.5	393,229	378,760	3.8	N/A	N/A		N/A	N/A	
Total Imports							N/A	N/A		N/A	N/A	
Total Exports	6,424	6,135	4.7	52,245	52,166	0.2						
Total Domestic	39,243	39,756	-1.3	340,984	326,594	4.4	44,331	47,490	-6.7	387,955	368,641	5.2
Injection Molding Grade	22,658	22,387	1.2	203,144	192,969	5.3						
Extrusion Grade	13,435	12,456	7.9	100,777	98,926	1.9						
Resellers and Compounders	2,417	4,169	-42.0	26,422	23,998	10.1						
All Other Uses	733	744	-1.5	10,641	10,701	-0.6						

N.R.1 = Not Reported: Included in Total Domestic and in All Other.

N.R.2 = Not Reported: Included in All Other.

*** = Styrene Based Latexes sales include some Canadian produced material.

(6) = Includes Sales from Imports.

N/A = Not Available.
R = Revision.

Compiled by ERNST & YOUNG Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

PAGE 9

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin Content)	719,547	720,619	-0.1	5,613,932	5,535,608	1.4	719,715	738,922	-2.6	5,671,297	5,491,151	3.3
Homopolymer Resins Including Blending & Latex	655,634	658,859	-0.5	5,138,198	5,082,735	1.1	661,387	682,388	-3.1	5,194,433	5,044,125	3.0
Copolymer Resins Including Blending & Latex	18,199	20,028	-9.1	145,196	138,847	4.6	14,780	15,298	-3.4	142,302	140,660	1.2
Dispersion	45,714	41,732	9.5	330,538	314,026	5.3	43,548	41,236	5.6	334,562	306,366	9.2
Total Exports	80,569	41,327	95.0	510,704 R	320,785	59.2						
Total Domestic	638,978	679,292	-5.9	5,103,228 R	5,214,823	-2.1						
Calendering, Total	86,827	70,189	23.7	603,313 R	562,176	7.3						
Flooring	19,764	18,279	8.1	141,307	131,958	7.1						
Textile	6,527	10,198	-36.0	80,495	85,578	-5.9						
All Other Calendering Uses	60,536	41,712	45.1	381,511 R	344,640	10.7						
Coating, Total	30,683	32,812	-6.5	242,948	244,190	-0.5						
Flooring	13,636	13,492	1.1	101,388	101,831	-0.4						
Textile & Paper Coating	9,226	9,257	-0.3	71,676	70,649	1.5						
Protective Coating	4,130	5,579	-26.0	34,500	37,354	-7.6						
Adhesives & All Other Coating Uses	3,691	4,484	-17.7	35,384	34,356	3.0						
Extrusion, Total	419,215	464,904	-9.8	3,433,558 R	3,532,325	-2.8						
Wire & Cable	30,944	34,060	-9.1	256,735	284,661	-9.8						
Film & Sheet, Packaging	25,810	27,414	-5.9	216,211	223,058	-3.1						
Film & Sheet, Non-Packaging	3,893	3,422	13.8	35,681	29,571	20.7						
Siding & Access., & Mobile Home Skirts	64,044	69,281	-7.6	514,643	470,405	9.4						
Rigid Pipe & Tubing (Except Fittings)	243,307	284,773	-14.6	2,043,835 R	2,177,526	-6.1						
All Other Extrusions	51,217	45,954	11.5	366,453	347,104	5.6						
Molding, Total	42,858	43,721	-2.0	351,195	375,271	-6.4						
Bottles	19,102	19,256	-0.8	144,363	146,883	-1.7						
Fittings (Rigid Pipe & Tubing)	10,755	10,480	2.6	103,051	112,732	-8.6						
All Other Molding	13,001	13,985	-7.0	103,781	115,656	-10.3						
Paste Processes (Except Coating)	14,392	14,239	1.1	118,483	110,755	7.0						
Plastisol Formulation	7,793	7,707	1.1	63,336	56,768	11.6						
All Other	6,599	6,532	1.0	55,147	53,987	2.1						
Resellers and Compounders	27,272	33,129	-17.7	214,099	245,184	-12.7						
All Other Uses	17,731	20,298	-12.6	139,632	144,922	-3.7						

R = REVISION

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PAGE 10

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
VINYL ACETATE MONOMER (2) FOR POLYVINYL ACETATE, TOTAL												
Total Exports												
Total Domestic												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
Total Exports	D	D		D	D							
Total Domestic	D	D		D	D							
OTHER VINYL RESINS, TOTAL (4)	17,100	16,888	1.3	133,945 R	139,160	-3.7	19,133	17,864	7.1	150,742 R	147,863	1.9
Total Exports	5,344	4,627	15.5	46,478	45,377	2.4						
Total Domestic	11,756	12,261	-4.1	87,467 R	93,783	-6.7						
THERMOPLASTIC POLYESTER, TOTAL (6)	152,149	138,232	10.1	1,135,299	1,092,572	3.9	120,047	128,493	-6.6	1,078,623	1,074,627	0.4
Total Exports	32,970	13,995	135.6	202,674	162,317	24.9						
Total Domestic	119,179	124,237	-4.1	932,625	930,255	0.3						
PET Bottle Grades	81,317	83,086	-2.1	627,025 R	626,491	0.1						
All Other Thermoplastic Polyester (5)	37,862	41,151	-8.0	305,600 R	303,764	0.6						

(2) = The publishing of PVAC data has been suspended.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(5) = Includes all other PET and all injection molding grades.

(6) = 1989 Data Includes Sales from Imports.

D = Disclosure.

N/A = Not Available.

The Society of the
Plastics Industry, Inc.

18920-5
SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

AUGUST 31, 1989

APPARENT CONSUMPTION REPORT OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: DECEMBER 22, 1989

A8920-5

The Society of the
Plastics Industry, Inc.



Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

AUGUST 31, 1989

APPARENT CONSUMPTION REPORT OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
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SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: DECEMBER 22, 1989

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

AUGUST 1989

RESIN KIND	AUGUST				YEAR-TO-DATE				
	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	IMPORT % OF APPARENT CONSUMPTION
EPOXY RESIN, TOTAL	41.7	1.3	6.8	36.2	359.1	9.3	61.9	306.5	3.0
POLYESTER (UNSATURATED) RESINS, TOTAL	114.2	0.6	7.6	107.2	919.4	4.2	68.1	855.5	0.5
UREA RESINS, TOTAL	77.9	2.1	2.1	77.9	807.0	19.4	10.2	816.2	2.4
MELAMINE RESINS, TOTAL	16.7	0.3	1.0	16.0	156.7	3.8	8.3	152.2	2.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224.4	3.3	5.2	222.5	1,920.5	26.0	45.1	1,901.4	1.4
THERMOSETTING RESINS, TOTAL	474.9	7.6	22.7	459.8	4,162.7	62.7	193.6	4,031.8	1.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	740.8	87.4	70.5	757.7	6,404.0	563.0	683.9	6,283.1	9.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	731.3	10.8	106.2	635.9	5,493.7	66.4	711.6	4,848.5	1.4
POLYPROPYLENE, TOTAL	562.4	5.4	89.8	478.0	4,972.2	37.0	911.1	4,098.1	0.9
ABS RESINS, TOTAL (ACRYLONITRILE-BUTADIENE-STYRENE)	94.9	6.3	15.2	86.0	914.4	44.5	83.5	875.4	5.1
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	9.5	0.4	3.6	6.3	82.0	3.2	59.8	25.4	12.6
OTHER STYRENICS	88.0	1.6	22.4	67.2	741.1	14.3	132.9	622.5	2.3
POLYSTYRENE RESINS, TOTAL	445.9	7.7	43.2	410.4	3,535.7	43.6	222.2	3,357.1	1.3
MYLOW RESINS	44.3	4.2	15.0	33.5	388.0	38.7	125.5	301.2	12.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	719.7	5.3	58.6	666.4	5,671.3	38.7	465.2	5,244.8	0.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS	19.1	6.6	29.3	(3.6)	150.7	239.4	277.7	112.4	213.0
THERMOPLASTIC POLYESTER, TOTAL	120.0	3.1	36.9	86.2	1,078.6	34.9	241.2	872.3	4.0
THERMOPLASTIC RESINS, TOTAL	3,575.9	138.8	490.7	3,224.0	29,431.7	1,123.7	3,914.6	26,640.8	4.2
GRAND TOTAL	4,050.8	146.4	513.4	3,683.8	33,594.4	1,186.4	4,108.2	30,672.6	3.9

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOM data is temporarily suspended.

N/A = Not Available. The publishing of PVac and OSBP is temporarily suspended.

D = Disclosure

R = Revision

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

Sources: Production - SPI Monthly Statistical Report
Imports - Bureau of the Census (IM 145)
Exports - Bureau of the Census (EM 545)

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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A8920-5

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins ^{SPI}

1275 K Street, N.W., #400
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(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

SEPTEMBER 30, 1989

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

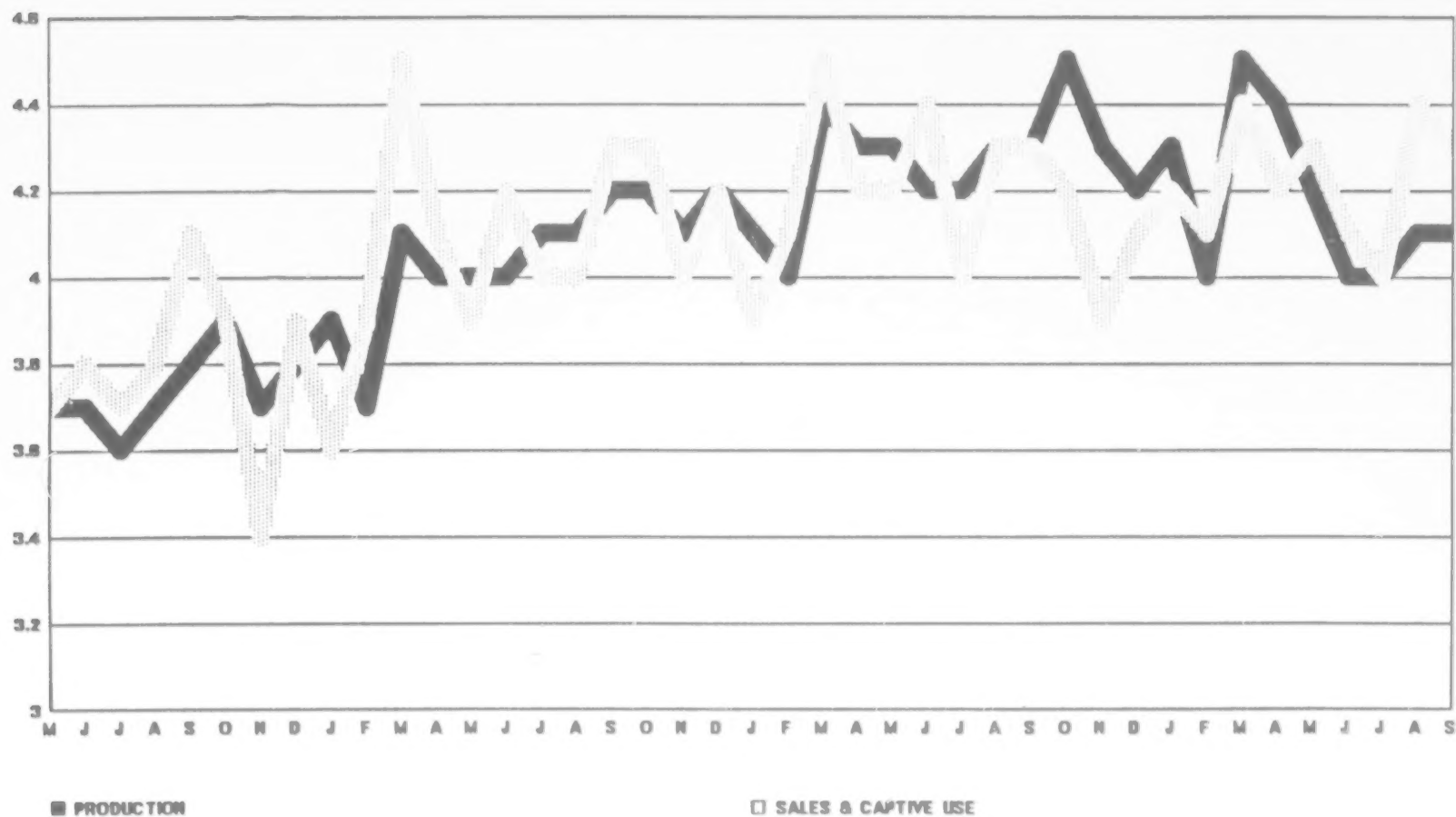
Release Date: DECEMBER 5, 1989

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

SEPTEMBER 1989



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

SEPTEMBER 1989

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPDM RESIN, TOTAL	37,989	40,661	-6.6	370,922	354,394	4.7	35,467	41,540	-14.6	394,589	356,998	10.5
POLYESTER (UNSATURATED) RESINS, TOTAL	101,107	111,814	-9.6	1,010,623	1,072,675	-5.8	105,389	112,861	-6.6	1,024,804	1,080,047	-5.1
UREA RESINS, TOTAL	132,904	130,078	2.2	1,074,953	996,413	7.9	134,181	130,740	2.6	1,081,268 R	1,069,785	1.1
MELAMINE RESINS, TOTAL	19,007	16,498	15.2	169,960	149,909	13.4	18,953	16,897	12.2	175,611	152,467	15.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	228,053	288,423	-20.9	2,036,893	2,281,635	-10.7	228,772	288,129	-20.6	2,149,223	2,282,252	-5.8
THERMOSETTING RESINS, TOTAL	519,060	587,474	-11.6	4,663,351	4,855,026	-3.9	522,762	590,167	-11.4	4,825,495 R	4,941,549	-2.3
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	931,526	848,183	N/C	7,830,792	7,603,303	N/C	843,497	836,300	0.9	7,267,515	7,441,285	-5.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	723,680	663,753	9.0	6,076,013	6,201,535	-2.0	652,810	636,826	2.5	6,166,547	6,255,706	-1.7
POLYPROPYLENE, TOTAL	592,698	604,623	-2.0	5,411,822	5,395,848	0.3	570,325	638,633	-10.7	5,542,554	5,447,356	1.7
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	96,508	116,280	-17.0	929,943	958,098	-2.9	85,463	115,693	-26.1	999,840	946,434	5.6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,408	13,974	-39.8	96,758	109,935	-12.0	6,742	14,137	-52.3	88,720	109,824	-19.2
POLYSTYRENE RESINS, TOTAL	416,939	435,184	-4.2	3,900,904 R	3,848,247	1.4	400,894	428,926	-6.3	3,933,946 R	3,891,212	1.1
STYRENE BASED LAYERS, TOTAL ***	88,549	86,256	2.7	778,350	756,040	3.0	84,657	84,819	-0.2	727,443	721,196	0.9
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,718	14,522	-12.4	115,984	136,408	-15.0	10,650	14,640	-27.3	188,908	138,438	-21.3
NYLON RESINS (6)	44,441	46,988	-5.4	437,670	425,748	2.8	48,868	44,729	8.6	428,815	489,897	-4.6
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	728,376	721,530	0.9	6,344,617 R	6,257,138	1.4	735,129	727,112	1.1	6,406,426	6,218,263	3.0
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
POLYVINYL ALCOHOL, TOTAL (3)	0	0		0	0		0	0		0	0	
OTHER VINYL RESINS (4)	15,210	17,069	-11.0	149,155	156,259	-4.5	16,472	14,598	12.8	167,214	162,461	2.9
THERMOPLASTIC POLYESTER, TOTAL (8)	136,179	158,512	-14.1	1,271,478	1,251,084	1.6	130,983	149,617	-12.5	1,209,606	1,224,244	-1.2
THERMOPLASTIC RESINS, TOTAL	3,795,230	3,726,964	1.8	33,343,486 R	33,099,643	0.7	3,578,482	3,706,030	-3.4	33,007,534 R	33,166,276	-0.5
GRAND TOTAL	4,314,290	4,314,378	0.0	38,006,837 R	37,954,669	0.1	4,101,244	4,296,197	-4.5	37,833,029 R	38,107,825	-0.7

- (1) = Except phenolic resins which are reported on a gross weight basis.
 *** = Sales and Captive Use figures include some Canadian produced materials.
 (2) = The publishing of PVAC has been suspended.
 (3) = The publishing of PVON data has been suspended.
 (4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.
 (6) = Data includes Sales from Imports.

D = Disclosure.
R = Revision.

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

SEPTEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	37,989	40,661	-6.6	370,922	354,394	4.7	35,467	41,540	-14.6	394,589	356,998	10.5
Total Exports	5,578	8,052	-30.7	67,523	69,288	-2.5						
Captive Use, Total	1,696	1,492	13.7	13,553	11,062	22.5						
Domestic Sales, Total	30,715	31,117	-1.3	289,846	274,044	5.8						
Domestic Sales & Capt've Use, Total	32,411	32,609	-0.6	303,399	285,106	6.4						
Bonding & Adhesives	1,937	2,266	-14.5	18,958	17,210	10.2						
Flooring, Paving & Exposed Aggregate	2,202	2,743	-19.7	18,657	19,639	-5.0						
Protective Coatings	16,026	15,022	6.7	147,874	135,862	8.8						
Fiber Reinforced Lam. & Comp., Total	6,331	6,653	-4.8	64,650	62,970	2.7						
FRL&C for Printed Wiring Board	4,095	4,610	-11.2	44,622	43,184	3.3						
All Other FRL&C	2,236	2,043	9.4	20,028	19,786	1.2						
Tooling, Casting & Molding Resins	2,552	2,301	10.9	23,236	19,888	16.8						
All Other Uses	3,363	3,624	-7.2	30,024	29,537	1.6						
POLYESTER (UNSATURATED) RESINS, TOTAL	101,107	111,814	-9.6	1,010,623	1,072,675	-5.8	105,389	112,861	-6.6	1,024,804	1,080,047	-5.1
Total Exports	1,706	1,414	20.7	19,407	11,281	72.0						
Total Domestic	99,401	110,400	-10.0	991,216	1,061,394	-6.6						
General Purpose Resins, Total	86,403	95,238	-9.3	855,627	923,885	-7.4						
General Purpose - Thixotropic	37,436	42,439	-11.8	380,149	429,536	-11.5						
General Purpose - Press Molding	10,337	10,436	-0.9	98,449	99,433	-1.0						
General Purpose - All Other	38,630	42,363	-8.8	377,029	394,916	-4.5						
Flame Retardant Resins	1,977	1,976	0.1	17,947	21,591	-16.9						
Chemical Resistant Resins	11,021	13,186	-16.4	117,642	115,918	1.5						
Chemical Resistant Isophthalic Resins	7,866	9,790	-19.7	88,815	84,222	5.5						
All Other Chemical Resistant Resins	3,155	3,396	-7.1	28,827	31,696	-9.1						
Reinforced Plastics, Total	72,562	83,848	-13.5	737,359	810,165	-9.0						
Non-Reinforced Plastics, Total	26,839	26,552	1.1	253,857	251,229	1.0						

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In Thousands of Pounds, Dry Weight Basis)(1)CRS
SEPTEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
UREA RESINS, TOTAL	132,904	130,078	2.2	1,074,953	996,413	7.9	134,181	130,740	2.6	1,081,268 R	1,069,785	1.1
MELAMINE RESINS, TOTAL	19,007	16,498	15.2	169,960	149,909	13.4	18,953	16,897	12.2	175,611	152,467	15.2
UREA & MELAMINE RESINS, TOTAL	151,911	146,576	3.6	1,244,913	1,146,322	8.6	153,164	147,637	3.7	1,256,879 R	1,222,252	2.8
Total Exports	D1	D1		D1	D1							
Total Domestic	151,911	146,576	3.6	1,244,913	1,146,322	8.6						
Textile Treating & Coating Resins	2,127	1,814	17.3	20,212	19,000	6.4	3,527	2,450	44.0	25,637 R	23,431	9.4
Paper Treating & Coating Resins	7,020	5,010	40.1	44,718	40,396	10.7	6,565	5,409	21.4	45,437 R	42,751	6.3
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	119,804	120,596	-0.7	1,001,360	920,658	8.8	119,308	121,149	-1.5	995,623 R	918,921	8.3
Laminating	5,580	3,331	67.5	58,969	30,209	95.2	4,860	3,526	37.8	50,382	29,383	71.5
Plywood	5,860	4,898	19.6	51,651	38,159	35.4	6,320	5,008	26.2	53,270 R	40,047	33.0
Fibrous & Granulated Wood (Particle Board)	108,364	112,367	-3.6	890,740	852,290	4.5	108,128	112,615	-4.0	891,971 R	912,491	-2.2
Protective Coatings (Straight & Modified)	8,739	9,061	-3.6	82,806	82,695	0.1	10,865	10,263	5.9	103,845	95,472	8.8
All Other Uses	14,221	10,095	40.9	95,817	83,573	14.7	12,869	8,366	53.8	86,337 R	78,677	9.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	228,053	288,423	-20.9	2,036,893	2,281,635	-10.7	228,772	288,129	-20.6	2,149,223	2,282,252	-5.8
Total Exports	1,352	1,871	-19.1	13,447	16,859	-20.2						
Total Domestic	226,701	286,552	-20.9	2,023,446	2,264,776	-10.7						
Molding Compounds	14,679	15,533	-5.5	135,316	143,003	-5.4	16,224	16,598	-2.3	144,865	153,049	-5.3
Bonding & Adhesive Resins for:	208,290	261,318	-20.3	1,856,886	2,043,899	-9.1	209,135	261,009	-19.9	1,970,747	2,050,384	-3.9
Laminating	16,149	20,909	-22.8	164,594	159,614	3.1	16,416	21,025	-21.9	163,702	160,366	2.1
Coated & Bonded Abrasives	1,486	1,908	-22.1	19,296	16,791	14.9	1,486	1,924	-22.8	20,152	16,891	19.3
Friction Materials	2,161	3,152	-31.4	28,893	28,183	2.5	2,031	3,250	-37.5	27,608	28,413	-2.8
Insulation Materials	31,783	48,865	-35.0	317,058	361,349	-12.3	31,752	48,900	-35.1	315,166	362,290	-13.0
Foundry & Shell Molding	7,021	5,113	37.3	38,004	39,448	-3.7	6,977	5,035	38.6	36,524	39,610	-7.8
Plywood	119,706	150,784	-20.6	989,699	1,184,847	-16.5	120,353	150,217	-19.9	1,058,084	1,185,114	-10.7
Fibrous & Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	927	1,613	-42.5	11,032	14,525	-24.0	1,256	1,783	-29.6	11,533	18,297	-37.0
All Other	29,057	28,974	0.3	288,310	239,142	20.6	28,864	28,875	0.0	337,978	239,403	41.2
Protective Coatings - Unmodified & Modified	1,061	1,815	-41.5	9,943	16,008	-37.9	1,073	1,816	-40.9	9,636	16,025	-39.9
Resins Sold to Rubber Ind., Non-Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	2,671	8,086	-67.0	21,301	61,866	-65.6	2,340	8,706	-73.1	23,975	62,794	-61.8

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Except phenolic resins which are reported on a gross weight basis.

SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)CRS
SEPTEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	931,526	848,183	N/C	7,830,792	7,603,303	N/C	905,781	N/A		7,786,353	N/A	
Total Imports							62,284	N/A		538,838	N/A	
Total Exports	98,161	68,307	43.7	776,933	720,932	7.8						
Total Domestic	833,365	779,876	N/C	7,053,859	6,882,371	N/C	843,497	836,300	0.9	7,247,515	7,641,245	-5.2
Film (12 Mils & Below)	503,673	481,843	N/C	4,168,053	4,133,402	N/C						
Packaging Film	294,246	N/A		2,439,623	N/A							
Food Packaging Film	111,097	N/A		928,057	N/A							
Non-Food Packaging Film	141,651	N/A		1,167,938	N/A							
Shrink Film	12,731	N/A		105,594	N/A							
Stretch Film	28,767	N/A		238,034	N/A							
Non-Packaging Film	209,427	N/A		1,728,430	N/A							
Carry-Out Bags	29,802	N/A		270,583	N/A							
Trash and Can Liners	110,656	N/A		880,334	N/A							
Other Non-Packaging Film	68,969	N/A		577,513	N/A							
Sheet (Over 12 Mils)	7,218	D4		89,726	D4							
Injection Molding	77,670	67,243	N/C	637,192	548,532	N/C						
Injection Molded Lids	20,847	N/A		178,818	N/A							
Injection Molded Housewares	19,118	N/A		148,026	N/A							
Other Injection Molding	37,705	N/A		310,348	N/A							
Wire & Cable	29,353	31,468	N/C	287,594	285,342	N/C						
Extrusion Coating	60,682	67,399	N/C	526,476	571,525	N/C						
Blow Molding	6,510	7,310	N/C	67,238	56,244	N/C						
Pipe & Conduit, Total	3,604	2,837	N/C	50,429	44,296	N/C						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	7,664	16,863	N/C	77,945	141,781	N/C						
Rotomolding	21,572	N/A		166,193	N/A							
Reseters & Compounders, Total	51,431	43,230	N/C	518,344	440,009	N/C						
Reseters	37,413	N/A		381,038	N/A							
Compounders	14,018	N/A		137,306	N/A							
Adhesives and Sealants	8,331	N/A		86,277	N/A							
All Other Uses	55,657	61,683	N/C	378,393	661,240	N/C						

D4 = Disclosure: Included in Film.

(6) = 1989 Data Includes Sales from Imports.

N/A = Data not available.
N/C = Data not comparable.
D = Disclosure.
R = REVISION

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	723,680	663,753	9.0	6,076,013	6,201,535	-2.0	652,810	636,826	2.5	6,146,547	6,255,706	-1.7
Total Exports	113,794	49,912	128.0	679,591	522,244	30.1						
Total Domestic	609,886	613,841	-0.6	5,396,422	5,679,291	-5.0						
Film (12 Mils & Below)	65,333	62,713	4.2	542,145	553,009	-2.0						
Packaging Film	17,792	N/A		153,510	N/A							
Food Packaging Film	13,388	N/A		113,065	N/A							
Non-Food Packaging Film	4,404	N/A		40,445	N/A							
Non-Packaging Film	47,541	N/A		388,635	N/A							
Carry-Out Bags	23,434	N/A		192,108	N/A							
Trash and Can Liners	09	N/A		09	N/A							
Other Non-Packaging Film	24,107	N/A		196,527	N/A							
Sheet (Over 12 Mils)	27,329	20,360	34.2	236,627	204,481	15.7						
Injection Molding	116,376	136,247	-14.6	1,045,236	1,285,090	-18.7						
Injection Molded Industrial Parts	39,156	N/A		327,454	N/A							
Injection Molded Housewares	13,170	N/A		117,701	N/A							
Injection Molded Food Tubs and Containers	19,235	N/A		171,411	N/A							
Crates & Totes	15,059	N/A		117,842	N/A							
Other Injection Molding	29,756	N/A		310,828	N/A							
Wire & Cable	10,853	12,076	-10.1	109,713	94,952	15.5						
Extrusion Coating	05	05		05	05							
Blow Molding	236,842	247,722	-4.4	2,167,496	2,307,612	-6.1						
Motor Oil Bottles	18,871	N/A		169,184	N/A							
Liquid Food Bottles	72,434	N/A		667,784	N/A							
Household Chemical Bottles	74,951	N/A		668,158	N/A							
Large Containers	20,296	N/A		204,727	N/A							
Other Blow Molding	50,290	N/A		457,643	N/A							
Pipe & Conduit, Total	41,600	48,808	-14.8	369,721	416,984	-11.3						
Corrugated Pipe & Conduit	8,143	9,280	-12.3	69,559	93,373	-25.5						
Non-Corrugated Pipe & Conduit	33,457	39,528	-15.4	300,162	323,611	-7.2						
Other Extruded Products	3,435	5,172	-33.6	49,875	71,537	-30.3						
Rotomolding	5,625	N/A		51,566	N/A							
Reseters & Compounders, Total	73,433	53,926	36.2	567,576	482,199	17.7						
Reseters	63,508	N/A		491,370	N/A							
Compounders	9,925	N/A		76,206	N/A							
All Other Uses	29,060	26,817	8.4	256,467	263,427	-2.6						

= Disclosure: Included in Other Extruded Products.
Disclosure: Included in Other Non-Packaging Film.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

N/A = Not Available.
R = REVISION
Page 6

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

SEPTEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYPROPYLENE, TOTAL	592,698	604,623	-2.0	5,411,822	5,395,848	0.3	570,325	638,633	-10.7	5,542,554	5,447,356	1.7
Total Exports	66,657	109,318	-39.0	807,455 R	933,400	-13.5						
Total Domestic	526,041	495,305	6.2	4,604,367 R	4,462,448	3.2						
Injection Molding	149,840	151,630	-1.2	1,362,948	1,292,470	5.5						
Appliances	15,101	14,548	3.8	122,858	111,259	10.4						
Consumer Products	46,973	39,931	17.6	417,769	314,871	32.7						
Rigid Packaging	47,648	51,318	-7.2	475,492	470,286	1.1						
Transportation	23,128	27,558	-16.1	213,289	228,368	-6.6						
All Other Injection Molding	16,990	18,275	-7.0	133,540	167,686	-20.4						
Blow Molding	11,312	12,984	-12.9	94,551	101,496	-6.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	46,566	47,911	-2.8	439,019	440,093	-0.2						
Oriented Film	37,727	N/A		336,647	N/A							
Non-Oriented Film	8,839	N/A		102,372	N/A							
Sheet (Over 10 Mils)	10,178	10,682	-4.7	96,564	92,971	3.9						
Extrusion Coating	D5	D		D5	D							
Wire & Cable	D5	D		D5	D							
Fiber & Filaments	173,729	152,995	13.6	1,505,047 R	1,394,512	7.9						
Textile Applications, Total	163,878	144,812	13.2	1,428,493 R	1,315,478	8.6						
Nonwovens	46,253	N/A		390,378 R	N/A							
Monofilaments and Multifilament Fibers	51,408	N/A		609,853	N/A							
Slit Film Fibers	66,217	N/A		428,262	N/A							
Non-Textile Monofilaments	9,851	8,183	20.4	76,554 R	79,034	-3.1						
Pipe & Conduit	D5	D5		D5	D5							
Other Extruded Products	7,894	7,526	4.9	72,259	77,178	-6.4						
Resellers, Distributors, & Compounders, Total	120,688	105,183	14.7	978,945	1,007,454	-2.8						
Resellers & Distributors	74,843	77,471	-3.4	666,039	740,671	-10.1						
Compounders	45,845	27,712	65.4	312,906	266,783	17.3						
All Other Uses	5,834	6,394	-8.8	55,034	56,896	-3.3						

D5 = Disclosure: Included in Other Extruded Products.

N/A = Data not available.

D = Disclosure

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R = Revision.

PAGE 7

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

SEPTEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYSTYRENE RESINS, TOTAL	416,939	435,184	-4.2	3,900,904 R	3,848,247	1.4	400,894	428,926	-6.5	3,933,946 R	3,891,212	1.1
Straight Polystyrene	225,166	231,281	-2.6	2,106,812 R	2,049,923	2.8	227,661	225,702	0.9	2,123,991 R	2,027,986	4.7
Rubber-Modified Polystyrene	191,773	203,903	-5.9	1,794,092	1,798,324	-0.2	173,233	203,224	-14.8	1,809,955	1,863,226	-2.9
Exports Total	19,834	16,551	19.8	159,189 R	125,984	26.4						
Straight Polystyrene	10,629	10,103	5.2	87,292 R	92,429	-5.6						
Rubber-Modified Polystyrene	9,205	6,448	42.8	71,897	33,555	114.3						
Domestic Total	397,105	418,633	-5.1	3,741,715 R	3,722,263	0.5						
Molding	160,159	160,164	0.0	1,426,921 R	1,421,620	0.4						
Extrusion	174,538	177,957	-1.9	1,680,248	1,685,376	-0.3						
Expandable Polystyrene Beads	50,243	60,268	-16.6	510,211 R	422,238	20.8						
Block	22,248	31,544	-29.5	196,807 R	204,304	-3.7						
Shape	12,147	12,334	-1.5	110,066 R	104,454	5.4						
Loose Fill	D6	D6		D6	D6							
Other EPS	15,848	16,390	-3.3	203,338 R	113,480	79.2						
All Other Uses	12,165	20,244	-39.9	124,335	193,029	-35.6						
Polystyrene End Uses Total	397,105	418,633	-5.1	3,741,715 R	3,722,263	0.5						
Packaging	50,854	80,625	-36.9	603,638 R	772,516	-21.9						
Disposable Food Serviceware	81,849	76,573	6.9	744,617 R	708,437	5.1						
Consumer and Inst. Products	40,592	62,762	-35.3	480,475 R	581,100	-17.3						
Electrical/Electronics	50,838	48,947	3.9	451,392	422,638	6.8						
Furniture, Furn., Building & Const.	20,807	26,843	-22.5	227,932 R	221,507	2.9						
Expandable Polystyrene Beads	50,243	60,268	-16.6	510,728 R	422,238	21.0						
Resellers and Compounders	45,216	39,820	13.6	385,376 R	390,656	-1.4						
All Other End Uses	56,706	22,795	148.8	337,557	203,171	66.1						

D6 = Disclosure: Included in Other EPS.

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)CRS
SEPTEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	96,508	116,280	-17.0	929,943	958,098	-2.9	85,463	115,693	-26.1	999,840	948,434	5.6
SAN (STYRENE-ACRYLONITRILE-BUTADIENE), TOTAL	8,408	13,974	-39.8	96,758	109,824	-11.9	6,742	14,137	-52.3	88,720	109,824	-19.2
Total Exports	3,334	6,705	-50.3	26,769	40,869	-34.5						
Total Domestic	5,074	7,269	-30.2	69,989	69,066	1.3						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,718	14,522	-12.4	115,984	136,408	-15.0	10,650	14,640	-27.3	108,908	138,438	-21.3
ABS, SAN, & OTHER STYRENICS, TOTAL	117,634	144,776	-18.8	1,142,685	1,204,441	-5.1	102,855	144,470	-28.8	1,197,468	1,194,696	0.2
Total Exports	N.R.1	N.R.1		N.R.1	N.R.1							
Total Domestic	117,634	144,776	-18.8	1,142,685	1,204,441	-5.1						
Electrical/Electronic	N.R.2	N.R.2		N.R.2	N.R.2							
Building and Construction	9,279	12,278	-24.4	105,739	107,066	-1.2						
Transportation	34,488	30,201	14.2	279,823	262,189	6.7						
Consumer/Institutional	N.R.2	N.R.2		N.R.2	N.R.2							
All Other	73,867	102,297	-27.8	757,123	835,186	-9.3						
STYRENE BASED LATEXES, TOTAL ***	88,549	86,256	2.7	778,350	756,040	3.0	84,657	84,819	-0.2	727,443	721,196	0.9
Paper Treating	2,384	2,572	-7.3	21,547	23,289	-7.5						
Textile Treating	960	910	5.5	8,343	8,820	-5.4						
Carpet Backing	31,008	34,157	-9.2	287,357	289,450	-0.7						
All Other Uses (Incl. Exports & Paper Coating)	54,197	48,617	11.5	461,103	434,481	6.1						
NYLON RESINS, TOTAL (6)	44,441	46,988	-5.4	437,670	425,748	2.8	N/A	N/A		N/A	N/A	
Total Imports							N/A	N/A		N/A	N/A	
Total Exports	5,750	5,732	0.3	57,995	57,898	0.2						
Total Domestic	38,691	41,256	-6.2	379,675	367,850	3.2	40,860	44,729	-8.6	428,815	409,897	4.6
Injection Molding Grade	24,420	24,038	1.6	227,564	217,007	4.9						
Extrusion Grade	10,941	12,823	-14.7	111,718	111,749	0.0						
Resellers and Compounders	2,543	3,275	-22.4	28,965	27,273	6.2						
All Other Uses	787	1,120	-29.7	11,428	11,821	-3.3						

N.R.1 = Not Reported: Included in Total Domestic and in All Other.

N.R.2 = Not Reported: Included in All Other.

*** = Styrene Based Latexes sales include some Canadian produced material.

(6) = Includes Sales from Imports.

N/A = Not Available.
R = Revision.

SECTION 1 - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

SEPTEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin Content)	728,374	721,530	0.9	6,344,617 R	6,257,138	1.4	735,129	727,112	1.1	6,406,426	6,218,263	3.0
Homopolymer Resins Including Blending & Latex	660,751	659,903	0.1	5,801,260 R	5,742,638	1.0	675,817	667,096	1.3	5,870,250	5,711,221	2.8
Copolymer Resins Including Blending & Latex	20,272	20,406	-0.7	165,468	159,253	3.9	14,183	17,889	-20.7	156,485	158,549	-1.3
Dispersion	47,351	41,221	14.9	377,889	355,247	6.4	45,129	42,127	7.1	379,691	348,493	9.0
Total Exports	86,695	49,588	74.8	582,788 R	370,373	57.4						
Total Domestic	641,679	671,942	-4.5	5,761,829 R	5,886,765	-2.1						
Calendering, Total	85,216	76,020	12.1	688,558 R	638,196	7.9						
Flooring	20,501	20,903	-1.9	161,808	152,861	5.9						
Textile	11,260	12,758	-11.7	91,755	98,336	-6.7						
All Other Calendering Uses	53,455	42,359	26.2	434,995 R	386,999	12.4						
Coating, Total	30,163	31,603	-4.6	273,111	275,793	-1.0						
Flooring	13,116	12,807	2.4	114,504	114,638	-0.1						
Textile & Paper Coating	8,106	9,512	-14.8	79,782	80,161	-0.5						
Protective Coating	4,205	4,774	-11.9	38,705	42,128	-8.1						
Adhesives & All Other Coating Uses	4,736	4,510	5.0	40,120	38,866	3.2						
Extrusion, Total	426,319	456,760	-6.7	3,876,770 R	3,989,085	-2.8						
Wire & Cable	40,304	38,003	6.1	297,039	322,664	-7.9						
Film & Sheet, Packaging	45,105	28,538	58.1	261,316	251,596	3.9						
Film & Sheet, Non-Packaging	4,461	3,038	46.8	40,142	32,609	23.1						
Siding & Access., & Mobile Home SKIFTS	60,592	66,958	-9.5	575,235	537,363	7.0						
Rigid Pipe & Tubing (Except Fittings)	225,502	274,109	-17.7	2,286,230 R	2,451,635	-6.7						
All Other Extrusions	50,355	46,114	9.2	416,808	393,218	6.0						
Molding, Total	42,167	41,034	2.8	393,362	416,305	-5.5						
Bottles	17,491	12,079	44.8	161,854	158,962	1.8						
Fittings (Rigid Pipe & Tubing)	12,512	16,806	-25.6	115,563	129,538	-10.8						
All Other Molding	12,164	12,149	0.1	115,945	127,805	-9.3						
Paste Processes (Except Coating)	14,171	13,579	4.4	132,654	124,334	6.7						
Plastisol Formulation	8,208	7,318	12.2	71,544	64,086	11.6						
All Other	5,963	6,261	-4.8	61,110	60,248	1.4						
Resellers and Compounders	24,595	39,735	-38.1	238,694	284,919	-16.2						
All Other Uses	19,048	13,211	44.2	158,680	158,133	0.3						

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

R = REVISION

PAGE 10

SECTION 1 - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

SEPTEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
VINYL ACETATE MONOMER (2)												
FOR POLYVINYL ACETATE, TOTAL												
Total Exports												
Total Domestic												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)	0	0		0	0		0	0		0	0	
Total Exports	0	0		0	0							
Total Domestic	0	0		0	0							
OTHER VINYL RESINS, TOTAL (4)	15,210	17,099	-11.0	149,155	156,259	-4.5	16,472	14,598	12.8	167,214	162,461	2.9
Total Exports	6,208	4,280	45.0	52,686	49,657	6.1						
Total Domestic	9,002	12,819	-29.8	96,469	106,602	-9.5						
THERMOPLASTIC POLYESTER, TOTAL (6)	136,179	158,512	-14.1	1,271,478	1,251,684	1.6	130,983	149,617	-12.5	1,209,606	1,224,244	-1.2
Total Exports	21,904	16,299	34.4	224,578	178,616	25.7						
Total Domestic	114,275	142,213	-19.6	1,046,900	1,072,468	-2.4						
PET Bottle Grades	74,885	96,288	-22.2	701,910	722,779	-2.9						
All Other Thermoplastic Polyester (5)	39,390	45,925	-14.2	344,990	349,689	-1.3						

(2) = The publishing of PVAC data has been suspended.

(3) = The publishing of PVOM data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(5) = Includes all other PET and all injection molding grades.

(6) = 1989 Data Includes Sales from Imports.

0 = Disclosure.
N/A = Not Available.

PAGE 11

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

SEPTEMBER 30, 1989

APPARENT CONSUMPTION REPORT OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: DECEMBER 22, 1989

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

SEPTEMBER 1989

RESIN KIND	SEPTEMBER				YEAR-TO-DATE				
	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	IMPORT % OF APPARENT CONSUMPTION
EPOXY RESIN, TOTAL	35.5	0.9	5.6	30.8	394.6	10.2	67.5	337.3	3.0
POLYESTER (UNSATURATED) RESINS, TOTAL	105.4	0.5	6.8	99.1	1,024.8	4.7	74.9	954.6	0.5
UREA RESINS, TOTAL	134.2	1.3	1.8	133.7	1,081.3	20.7	12.1	1,089.9	1.9
MELAMINE RESINS, TOTAL	18.9	0.4	0.7	18.6	175.6	4.2	9.1	170.7	2.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	228.8	2.9	5.9	225.8	2,149.2	28.9	51.0	2,127.1	1.4
THERMOSETTING RESINS, TOTAL	522.8	6.0	20.8	508.0	4,825.5	68.7	214.6	4,679.6	1.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	843.5	74.4	81.8	836.1	7,247.5	637.4	765.7	7,119.2	9.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	652.8	9.6	126.2	536.2	6,146.6	76.0	837.7	5,384.9	1.4
POLYPROPYLENE, TOTAL	570.3	1.7	114.3	457.7	5,542.6	38.7	1,025.5	4,555.8	0.8
ABS RESINS, TOTAL (ACRYLONITRILE-BUTADIENE-STYRENE)	85.5	5.6	10.7	80.4	999.8	50.2	94.3	955.7	5.3
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	6.7	1.6	4.8	3.5	88.7	4.8	64.5	29.0	16.6
OTHER STYRENICS	95.3	1.7	15.1	81.9	836.4	17.2	147.9	705.7	2.4
POLYSTYRENE RESINS, TOTAL	400.9	6.4	28.7	378.6	3,934.0	50.1	250.9	3,733.2	1.3
NYLON RESINS	40.9	3.8	12.8	31.9	428.8	42.5	138.3	333.0	12.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	735.1	5.2	85.4	654.9	6,406.4	43.9	550.6	5,899.7	0.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS	16.5	3.8	36.7	(16.4)	167.2	243.2	314.4	96.0	253.3
THERMOPLASTIC POLYESTER, TOTAL	131.0	2.7	- 26.4	107.3	1,209.6	37.6	267.7	979.5	3.8
THERMOPLASTIC RESINS, TOTAL	3,578.5	116.5	542.9	3,152.1	33,007.6	1,241.6	4,457.5	29,791.7	4.2
GRAND TOTAL	4,101.3	122.5	563.7	3,660.1	37,833.1	1,310.3	4,672.1	34,471.3	3.8

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH data is temporarily suspended.

N/A = Not Available. The publishing of PVAc and OSBP is temporarily suspended.

D = Disclosure

R = Revision

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

Sources: Production - SPI Monthly Statistical Report
Imports - Bureau of the Census (IM 145)
Exports - Bureau of the Census (EM 545)

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

AP920
SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

OCTOBER 31, 1989

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: DECEMBER 22, 1989

SECTION I

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

OCTOBER 1989

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	40,065	42,546	-5.9	410,987	396,640	3.5	34,186	41,783	-18.2	428,775	398,781	7.5
POLYESTER (UNSATURATED) RESINS, TOTAL	111,058	118,018	-5.9	1,121,681	1,190,693	-5.8	115,942	118,550	-2.2	1,140,746	1,198,597	-4.8
UREA RESINS, TOTAL	142,049	127,391	11.5	1,217,002	1,123,804	8.3	143,552	128,057	12.1	1,224,820	1,197,842	2.3
MELAMINE RESINS, TOTAL	18,624	17,999	3.5	188,584	167,908	12.3	18,853	18,932	-0.4	194,464	171,399	13.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	269,119	277,795	-3.1	2,306,012	2,559,430	-9.9	274,820	274,714	0.0	2,424,043	2,556,966	-5.2
THERMOSETTING RESINS, TOTAL	580,915	583,749	-0.5	5,244,266	5,438,475	-3.6	587,353	582,036	0.9	5,412,848	5,523,585	-2.0
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	1,044,055	826,901	N/C	8,874,847	8,430,204	N/C	864,362	939,916	-8.0	8,111,877	8,581,161	-5.5
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	786,011	627,118	25.3	6,862,024	6,828,653	0.5	701,479	734,646	-4.5	6,848,026	6,990,352	-2.0
POLYPROPYLENE, TOTAL	677,133	611,615	10.7	6,088,955	6,007,463	1.4	642,616	661,812	-2.9	6,185,170	6,109,168	1.2
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	111,717	115,347	-3.1	1,041,660	1,073,445	-3.0	104,516	118,363	-11.7	1,104,356	1,064,797	3.7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,128	13,163	-23.1	95,286 R	123,098	-22.6	9,664	13,977	-30.9	98,384	123,801	-20.5
POLYSTYRENE RESINS, TOTAL	449,144	421,056	6.7	4,333,638 R	4,269,303	1.5	434,876	440,058	-1.2	4,352,412 R	4,331,270	0.5
STYRENE BASED LATEXES, TOTAL ***	90,894	83,727	8.6	868,836 R	839,767	3.5	92,737	80,571	15.1	832,253 R	801,767	3.8
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,982	15,440	-15.9	128,966	151,848	-15.1	10,310	15,506	-33.5	119,218	153,944	-22.6
NYLON RESINS (6)	52,203	46,933	11.2	489,873	472,681	3.6	48,418	48,978	-1.1	477,233	458,875	4.0
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	774,168	696,801	11.1	7,118,785	6,953,939	2.4	724,242	734,260	-1.4	7,130,668	6,952,523	2.6
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,540	18,241	-3.8	166,695	174,500	-4.5	18,430	20,609	-10.6	185,644	183,070	1.4
THERMOPLASTIC POLYESTER, TOTAL (6)	144,458	134,168	7.7	1,415,936	1,385,252	2.2	147,656	153,359	-3.7	1,357,262	1,377,603	-1.5
THERMOPLASTIC RESINS, TOTAL	4,170,433	3,610,510	15.5	37,485,501 R	36,710,153	2.1	3,799,306	3,962,055	-4.1	36,802,503 R	37,128,331	-0.9
GRAND TOTAL	4,751,348	4,194,259	13.3	42,729,767 R	42,148,628	1.4	4,386,659	4,544,091	-3.5	42,215,351 R	42,651,916	-1.0

- (1) = Except phenolic resins which are reported on a gross weight basis.
 *** = Sales and Captive Use figures include some Canadian produced materials.
 (2) = The publishing of PVAC has been suspended.
 (3) = The publishing of PVOH data has been suspended.
 (4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.
 (6) = Data Includes Sales from Imports.

D = Disclosure.
R = Revision.

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

OCTOBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	40,065	42,546	-5.9	410,987	396,640	3.5	34,186	41,783	-18.2	428,775	398,781	7.5
Total Exports	4,522	10,153	-55.5	72,045	79,441	-9.3						
Captive Use, Total	1,802	1,419	27.0	15,355	12,481	23.0						
Domestic Sales, Total	33,741	30,974	8.9	327,587	305,018	6.1						
Domestic Sales & Captive Use, Total	35,543	32,393	9.7	338,942	317,499	6.8						
Bonding & Adhesives	2,210	2,053	7.6	21,168	19,263	9.9						
Flooring, Paving & Exposed Aggregate	2,399	1,805	32.9	21,056	21,444	-1.8						
Protective Coatings	18,003	15,187	18.5	165,877	151,049	9.8						
Fiber Reinforced Lam. & Comp., Total	6,696	7,804	-14.2	71,346	70,774	0.8						
FRL&C for Printed Wiring Board	4,424	5,034	-12.1	49,046	48,218	1.7						
All Other FRL&C	2,272	2,770	-18.0	22,300	22,556	-1.1						
Tooling, Casting & Molding Resins	2,430	2,370	2.5	25,666	22,258	15.3						
All Other Uses	3,805	3,174	19.9	33,829	32,711	3.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	111,058	118,018	-5.9	1,121,681	1,190,693	-5.8	115,942	118,550	-2.2	1,140,746	1,198,597	-4.8
Total Exports	1,816	1,429	27.1	21,223	12,710	67.0						
Total Domestic	109,242	116,589	-6.3	1,100,458	1,177,983	-6.6						
General Purpose Resins, Total	92,953	99,991	-7.0	948,580	1,023,876	-7.4						
General Purpose - Thixotropic	38,286	44,530	-14.0	418,435	474,066	-11.7						
General Purpose - Press Molding	17,714	17,248	2.7	116,163	116,681	-0.4						
General Purpose - All Other	36,953	38,213	-3.3	413,982	433,129	-4.4						
Flame Retardant Resins	3,240	2,332	38.9	21,187	23,923	-11.4						
Chemical Resistant Resins	13,049	14,266	-8.5	130,691	130,184	0.4						
Chemical Resistant Isophthalic Resins	9,171	10,837	-15.4	97,986	95,059	3.1						
All Other Chemical Resistant Resins	3,878	3,429	13.1	32,705	35,125	-6.9						
Reinforced Plastics, Total	79,361	88,903	-10.7	816,720	899,068	-9.2						
Non-Reinforced Plastics, Total	29,881	27,686	7.9	283,738	278,915	1.7						

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

R = REVISION

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
UREA RESINS, TOTAL	142,049	127,391	11.5	1,217,002	1,123,804	8.3	143,552	128,057	12.1	1,224,820	1,197,842	2.3
MELAMINE RESINS, TOTAL	18,624	17,999	3.5	188,584	167,908	12.3	18,853	18,932	-0.4	194,464	171,399	13.5
UREA & MELAMINE RESINS, TOTAL	160,673	145,390	10.5	1,405,586	1,291,712	8.8	162,405	146,989	10.5	1,419,284	1,369,241	3.7
Total Exports	D1	D1		D1	D1							
Total Domestic	160,673	145,390	10.5	1,405,586	1,291,712	8.8						
Textile Treating & Coating Resins	2,261	4,661	-51.5	22,473	23,661	-5.0	3,069	5,949	-48.4	28,706	29,380	-2.3
Paper Treating & Coating Resins	5,716	4,503	26.9	50,434	44,899	12.3	5,783	4,801	20.5	51,220	47,552	7.7
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	125,959	113,383	11.1	1,127,319	1,034,041	9.0	125,673	112,970	11.2	1,121,296	1,031,891	8.7
Laminating	5,311	4,073	30.4	64,280	34,282	87.5	4,753	3,497	35.9	55,135	32,880	67.7
Plywood	5,251	4,347	20.8	56,902	42,506	33.9	5,015	4,336	15.7	58,285	44,383	31.3
Fibrous & Granulated Wood (Particle Board)	115,397	104,693	10.2	1,006,137	957,253	5.1	115,905	105,137	10.2	1,013,876	1,017,628	-0.4
Protective Coatings (Straight & Modified)	9,422	9,989	-5.7	92,228	92,684	-0.5	11,106	11,283	-1.6	114,951	106,755	7.7
All Other Uses	17,315	12,854	34.7	113,132	96,427	17.3	16,774	11,986	39.9	103,111	90,663	13.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	269,119	277,795	-3.1	2,306,012	2,559,430	-9.9	274,820	274,714	0.0	2,424,043	2,556,966	-5.2
Total Exports	1,843	1,783	3.4	15,290	18,642	-18.0						
Total Domestic	267,276	276,012	-3.2	2,290,722	2,540,788	-9.8						
Molding Compounds	15,003	16,328	-8.1	150,319	159,331	-5.7	15,738	17,223	-8.6	160,603	170,272	-5.7
Bonding & Adhesive Resins for:	245,802	253,077	-2.9	2,102,688	2,296,976	-8.5	250,229	250,741	-0.2	2,220,976	2,301,125	-3.5
Laminating	23,473	20,946	12.1	188,067	180,560	4.2	25,262	17,448	44.8	188,964	177,814	6.3
Coated & Bonded Abrasives	2,094	1,586	32.0	21,390	18,377	16.4	2,099	1,593	31.8	22,251	18,484	20.4
Friction Materials	5,759	3,121	84.5	34,652	31,304	10.7	7,457	3,107	140.0	35,065	31,520	11.2
Insulation Materials	38,721	49,264	-21.4	355,779	410,613	-13.4	38,931	47,060	-17.3	354,097	409,350	-13.5
Foundry & Shell Molding	8,409	5,033	67.1	46,413	44,481	4.3	8,483	5,108	66.1	45,007	44,718	0.6
Plywood	126,612	139,054	-8.9	1,116,311	1,323,901	-15.7	126,349	139,421	-9.4	1,184,433	1,324,535	-10.6
Fibrous & Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	965	1,785	-45.9	11,997	16,310	-26.4	1,051	4,751	-77.9	12,584	23,048	-45.4
All Other	39,769	32,288	23.2	328,079	271,430	20.9	40,597	32,253	25.9	378,575	271,656	39.4
Protective Coatings - Unmodified & Modified	1,082	1,826	-40.7	11,025	17,834	-38.2	1,085	1,828	-40.6	10,721	17,853	-39.9
Resins Sold to Rubber Ind., Non-Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	5,389	4,781	12.7	26,690	66,647	-60.0	7,768	4,922	57.8	31,743	67,716	-53.1

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Except phenolic resins which are reported on a gross weight basis.

SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

OCTOBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	1,044,055	826,901	N/C	8,874,847	8,430,204	N/C	933,888	N/A		8,720,241	N/A	
Total Imports							69,526	N/A		608,364	N/A	
Total Exports	99,245	59,902	65.7	876,178	780,834	12.2						
Total Domestic	944,810	766,999	N/C	7,998,669	7,649,370	N/C	864,362	939,916	-8.0	8,111,877	8,581,161	-5.5
Film (12 Mils & Below)	582,679	450,181	N/C	4,750,732	4,583,583	N/C						
Packaging Film	336,898	N/A		2,776,521	N/A							
Food Packaging Film	122,686	N/A		1,050,743	N/A							
Non-Food Packaging Film	165,493	N/A		1,333,431	N/A							
Shrink Film	15,337	N/A		120,931	N/A							
Stretch Film	33,382	N/A		271,416	N/A							
Non-Packaging Film	245,781	N/A		1,974,211	N/A							
Carry-Out Bags	33,713	N/A		304,296	N/A							
Trash and Can Liners	128,567	N/A		1,008,901	N/A							
Other Non-Packaging Film	83,501	N/A		661,014	N/A							
Sheet (Over 12 Mils)	6,610	D4		96,336	D4							
Injection Molding	79,186	63,174	N/C	716,378	611,706	N/C						
Injection Molded Lids	25,391	N/A		204,209	N/A							
Injection Molded Housewares	17,000	N/A		165,026	N/A							
Other Injection Molding	36,795	N/A		347,143	N/A							
Wire & Cable	31,972	36,603	N/C	319,566	321,945	N/C						
Extrusion Coating	66,212	64,096	N/C	592,688	635,621	N/C						
Blow Molding	7,985	6,234	N/C	75,223	62,478	N/C						
Pipe & Conduit, Total	4,806	4,060	N/C	55,235	48,356	N/C						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	8,053	10,997	N/C	85,998	152,778	N/C						
Rotomolding	24,922	N/A		191,115	N/A							
Resellers & Compounders, Total	68,145	47,494	N/C	586,489	487,503	N/C						
Resellers	46,100	N/A		427,138	N/A							
Compounders	22,045	N/A		159,351	N/A							
Adhesives and Sealants	9,316	N/A		95,593	N/A							
All Other Uses	54,924	84,160	N/C	433,316 R	745,400	N/C						

D4 = Disclosure: Included in Film.

(6) = 1989 Data Includes Sales from Imports.

N/A = Data not available.
N/C = Data not comparable.
D = Disclosure.
R = REVISION

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

PAGE 5

SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

OCTOBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	786,011	627,118	25.3	6,862,024	6,828,653	0.5	701,479	734,646	-4.5	6,848,026	6,990,352	-2.0
Total Exports	91,021	33,956	168.1	770,612	556,200	38.5						
Total Domestic	694,990	593,162	17.2	6,091,412	6,272,453	-2.9						
Film (12 Mils & Below)	77,409	61,756	25.3	619,554	614,765	0.8						
Packaging Film	20,673	N/A		174,183	N/A							
Food Packaging Film	15,463	N/A		128,528	N/A							
Non-Food Packaging Film	5,210	N/A		45,655	N/A							
Non-Packaging Film	55,294	N/A		443,929	N/A							
Carry-Out Bags	27,115	N/A		219,223	N/A							
Trash and Can Liners	D9	N/A		D9	N/A							
Other Non-Packaging Film	28,179	N/A		224,706	N/A							
Sheet (Over 12 Mils)	21,114	23,520	-10.2	257,741	228,001	13.0						
Injection Molding	136,310	127,227	7.1	1,181,546	1,412,317	-16.3						
Injection Molded Industrial Parts	42,684	N/A		370,138	N/A							
Injection Molded Housewares	14,523	N/A		132,224	N/A							
Injection Molded Food Tubs and Containers	29,219	N/A		200,630	N/A							
Crates & Totes	18,061	N/A		135,903	N/A							
Other Injection Molding	31,823	N/A		342,651	N/A							
Wire & Cable	12,453	10,471	18.9	122,166	105,423	15.9						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	270,043	242,387	11.4	2,437,539	2,549,999	-4.4						
Motor Oil Bottles	22,580	N/A		191,764	N/A							
Liquid Food Bottles	79,044	N/A		746,828	N/A							
Household Chemical Bottles	84,500	N/A		752,658	N/A							
Large Containers	25,791	N/A		230,518	N/A							
Other Blow Molding	58,128	N/A		515,771	N/A							
Pipe & Conduit, Total	47,884	40,050	19.6	417,605	457,034	-8.6						
Corrugated Pipe & Conduit	11,549	7,485	54.3	81,108	100,858	-19.6						
Non-Corrugated Pipe & Conduit	36,335	32,565	11.6	336,497	356,176	-5.5						
Other Extruded Products	4,703	6,728	-30.1	54,578	78,265	-30.3						
Rotomolding	6,884	N/A		58,450	N/A							
Resellers & Compounders, Total	92,048	49,939	84.3	659,624	532,138	24.0						
Resellers	83,030	N/A		574,400	N/A							
Compounders	9,018	N/A		85,224	N/A							
All Other Uses	26,142	31,084	-15.9	282,609	294,511	-4.0						

D5 = Disclosure: Included in Other Extruded Products.

D9 = Disclosure: Included in Other Non-Packaging Film.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

N/A = Not Available.

R = REVISION

Page 6

OCTOBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYPROPYLENE, TOTAL	677,133	611,615	10.7	6,088,955	6,007,463	1.4	642,616	661,812	-2.9	6,185,170	6,109,168	1.2
Total Exports	123,434	114,468	7.8	930,889	1,047,868	-11.2						
Total Domestic	553,699	497,147	11.4	5,158,066	4,959,595	4.0						
Injection Molding	153,749	145,833	5.4	1,516,697	1,438,303	5.5						
Appliances	14,723	12,553	17.3	137,581	123,812	11.1						
Consumer Products	53,646	37,040	44.8	471,415	351,911	34.0						
Rigid Packaging	47,316	48,881	-3.2	522,808	519,167	0.7						
Transportation	23,161	27,697	-16.4	236,450	256,065	-7.7						
All Other Injection Molding	14,903	19,662	-24.2	148,443	187,348	-20.8						
Blow Molding	11,698	10,748	8.8	106,249	112,244	-5.3						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	45,346	54,846	-17.3	484,365	494,939	-2.1						
Oriented Film	35,890	N/A		372,537	N/A							
Non-Oriented Film	9,456	N/A		111,828	N/A							
Sheet (Over 10 Mils)	11,474	10,235	12.1	108,038	103,206	4.7						
Extrusion Coating	D5	D		D5	D							
Wire & Cable	D5	D		D5	D							
Fiber & Filaments	178,302	155,137	14.9	1,683,349	1,549,649	8.6						
Textile Applications, Total	168,921	147,437	14.6	1,597,414	1,462,915	9.2						
Nonwovens	52,637	N/A		443,015	N/A							
Monofilaments and Multifilament Fibers	49,640	N/A		659,493	N/A							
Slit Film Fibers	66,644	N/A		494,906	N/A							
Non-Textile Monofilaments	9,381	7,700	21.8	85,935	86,734	-0.9						
Pipe & Conduit	D5	D5		D5	D5							
Other Extruded Products	9,404	10,216	-7.9	81,663	87,394	-6.6						
Resellers, Distributors, & Compounders, Total	138,112	104,285	32.4	1,117,057	1,111,739	0.5						
Resellers & Distributors	90,066	75,783	18.8	756,105	816,454	-7.4						
Compounders	48,046	28,502	68.6	360,952	295,285	22.2						
All Other Uses	5,614	5,847	-4.0	60,648	62,743	-3.3						

D5 = Disclosure: Included in Other Extruded Products.

N/A = Data not available.

D = Disclosure

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS(CRS)

D = Disclosure.

R = Revision.

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYSTYRENE RESINS, TOTAL	449,144	421,056	6.7	4,333,638 R	4,269,303	1.5	434,876	440,058	-1.2	4,352,412 R	4,331,270	0.5
Straight Polystyrene	240,878	230,900	4.3	2,331,280 R	2,280,823	2.2	237,214	229,406	3.4	2,344,795 R	2,257,392	3.9
Rubber-Modified Polystyrene	208,266	190,156	9.5	2,002,358	1,988,480	0.7	197,662	210,652	-6.2	2,007,617	2,073,878	-3.2
Exports Total	21,600	12,154	77.7	180,789	138,138	30.9						
Straight Polystyrene	12,586	8,742	44.0	99,878	101,171	-1.3						
Rubber-Modified Polystyrene	9,014	3,412	164.2	80,911	36,967	118.9						
Domestic Total	427,544	408,902	4.6	4,152,849 R	4,131,165	0.5						
Molding	162,340	150,203	8.1	1,572,851 R	1,571,823	0.1						
Extrusion	191,771	179,024	7.1	1,872,019	1,864,400	0.4						
Expandable Polystyrene Beads	63,169	58,999	7.1	573,380	481,237	19.1						
Block	25,042	27,900	-10.2	221,849	232,204	-4.5						
Shape	14,559	13,545	7.5	124,625	117,999	5.6						
Loose Fill	06	06		06	06							
Other EPS	23,568	17,554	34.3	226,906	131,034	73.2						
All Other Uses	10,264	20,676	-50.4	134,599	213,705	-37.0						
Polystyrene End Uses Total	427,544	408,902	4.6	4,152,849 R	4,131,165	0.5						
Packaging	54,258	78,409	-30.8	657,896	850,925	-22.7						
Disposable Food Serviceware	76,453	73,713	3.7	804,660 R	782,150	2.9						
Consumer and Inst. Products	39,416	60,816	-35.2	519,891	641,916	-19.0						
Electrical/Electronics	62,147	49,286	26.1	513,539	471,924	8.8						
Furniture, Furn., Bulding & Const.	28,372	27,769	2.2	256,304	249,276	2.8						
Expandable Polystyrene Beads	63,169	58,999	7.1	573,897	481,237	19.3						
Resellers and Compounders	45,796	37,295	22.8	431,172	427,951	0.8						
All Other End Uses	57,933	22,615	156.2	395,490	225,786	75.2						

06 = Disclosure: Included in Other EPS.

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

OCTOBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	111,717	115,347	-3.1	1,041,660	1,073,445	-3.0	104,516	118,363	-11.7	1,104,356	1,064,797	3.7
SAN (STYRENE-ACRYLONITRILE-BUTADIENE), TOTAL	10,128	13,163	-23.1	95,286 R	123,098	-22.6	9,664	13,977	-30.9	98,384	123,801	-20.5
Total Exports	2,428	4,897	-50.4	28,797	45,766	-37.1						
Total Domestic	7,700	8,266	-6.8	66,489 R	77,332	-14.0						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,982	15,440	-15.9	128,966	151,848	-15.1	10,310	15,506	-33.5	119,218	153,944	-22.6
ABS, SAN, & OTHER STYRENICS, TOTAL	134,827	143,950	-6.3	1,265,912 R	1,348,391	-6.1	124,490	147,846	-15.8	1,321,958	1,342,542	-1.5
Total Exports	N.R.1	N.R.1		N.R.1	N.R.1							
Total Domestic	134,827	143,950	-6.3	1,265,912 R	1,348,391	-6.1						
Electrical/Electronic	N.R.2	N.R.2		N.R.2	N.R.2							
Building and Construction	12,877	13,718	-6.1	118,616	120,784	-1.8						
Transportation	36,922	33,859	9.0	316,745	296,048	7.0						
Consumer/Institutional	N.R.2	N.R.2		N.R.2	N.R.2							
All Other	85,028	101,270	-16.0	842,151	931,559	-9.6						
STYRENE BASED LATEXES, TOTAL ***	90,894	83,727	8.6	868,836 R	839,767	3.5	92,737	80,571	15.1	832,253 R	801,767	3.8
Paper Treating	2,415	2,370	1.9	23,747 R	25,659	-7.5						
Textile Treating	1,087	951	14.3	9,430	9,771	-3.5						
Carpet Backing	35,071	32,607	7.6	322,166 R	322,057	0.0						
All Other Uses (Incl. Exports & Paper Coating)	52,321	47,799	9.5	513,493 R	482,280	6.5						
NYLON RESINS, TOTAL (6)	52,203	46,933	11.2	489,873	472,681	3.6	N/A	N/A		N/A	N/A	
Total Imports							N/A	N/A		N/A	N/A	
Total Exports	7,643	5,886	29.9	65,638	63,784	2.9						
Total Domestic	44,560	41,047	8.6	424,235	408,897	3.8	48,418	48,978	-1.1	477,233	458,875	4.0
Injection Molding Grade	26,922	24,535	9.7	254,486	241,542	5.4						
Extrusion Grade	13,562	12,943	4.8	125,280	124,692	0.5						
Resellers and Compounders	3,197	2,706	18.1	32,162	29,979	7.3						
All Other Uses	879	863	1.9	12,307	12,684	-3.0						

N.R.1 = Not Reported: Included in Total Domestic and in All Other.

N.R.2 = Not Reported: Included in All Other.

*** = Styrene Based Latexes sales include some Canadian produced material.

(6) = Includes Sales from Imports.

N/A = Not Available.
R = Revision.

Compiled by ERNST & YOUNG Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

PAGE 9

OCTOBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin Content)	774,168	696,801	11.1	7,118,785	6,953,939	2.4	724,242	734,260	-1.4	7,130,668	6,952,523	2.6
Homopolymer Resins Including Blending & Latex	707,655	636,610	11.2	6,508,915	6,379,248	2.0	652,921	671,588	-2.8	6,523,171	6,382,809	2.2
Copolymer Resins Including Blending & Latex	19,466	18,824	3.4	184,934	178,077	3.9	24,033	19,453	23.5	180,518	178,002	1.4
Dispersion	47,047	41,367	13.7	424,936	396,614	7.1	47,288	43,219	9.4	426,979	391,712	9.0
Total Exports	124,678	49,465	152.1	707,466	419,838	68.5						
Total Domestic	649,490	647,336	0.3	6,411,319	6,534,101	-1.9						
Calendering, Total	80,771	77,626	4.1	769,329	715,822	7.5						
Flooring	20,607	19,693	4.6	182,415	172,554	5.7						
Textile	8,444	9,945	-15.1	100,199	108,281	-7.5						
All Other Calendering Uses	51,720	47,988	7.8	486,716	434,987	11.9						
Coating, Total	32,303	33,638	-4.0	305,414	309,431	-1.3						
Flooring	14,485	15,433	-6.1	128,989	130,071	-0.8						
Textile & Paper Coating	9,668	9,429	2.5	89,450	89,590	-0.2						
Protective Coating	4,179	4,466	-6.4	42,884	46,594	-8.0						
Adhesives & All Other Coating Uses	3,971	4,310	-7.9	44,091	43,176	2.1						
Extrusion, Total	422,132	429,814	-1.8	4,298,902	4,418,899	-2.7						
Wire & Cable	34,966	37,197	-6.0	332,005	359,861	-7.7						
Film & Sheet, Packaging	27,005	28,928	-6.6	288,321	260,524	2.8						
Film & Sheet, Non-Packaging	3,333	3,485	-4.4	43,475	36,094	20.4						
Siding & Access., & Mobile Home SKIRTS	80,477	51,975	54.8	655,712	589,338	11.3						
Rigid Pipe & Tubing (Except Fittings)	226,938	261,771	-13.3	2,513,168	2,713,406	-7.4						
All Other Extrusions	49,413	46,458	6.4	466,221	439,676	6.0						
Molding, Total	45,191	47,649	-5.2	438,553	463,954	-5.5						
Bottles	19,501	22,041	-11.5	181,355	181,003	0.2						
Fittings (Rigid Pipe & Tubing)	11,630	12,701	-8.4	127,193	142,239	-10.6						
All Other Molding	14,060	12,907	8.9	130,005	140,712	-7.6						
Paste Processes (Except Coating)	15,132	14,448	4.7	147,786	138,782	6.5						
Plastisol Formulation	8,513	8,030	6.0	80,057	72,116	11.0						
All Other	6,619	6,418	3.1	67,729	66,666	1.6						
Resellers and Compounders	27,178	31,149	-12.7	265,872	316,068	-15.9						
All Other Uses	26,783	13,012	105.8	185,463	171,145	8.4						

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS
OCTOBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
VINYL ACETATE MONOMER (2) FOR POLYVINYL ACETATE, TOTAL												
Total Exports												
Total Domestic												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)	0	0		0	0		0	0		0	0	
Total Exports	0	0		0	0							
Total Domestic	0	0		0	0							
OTHER VINYL RESINS, TOTAL (4)	17,540	18,241	-3.8	166,695	174,500	-4.5	18,430	20,609	-10.6	185,644	183,070	1.4
Total Exports	6,598	6,600	0.0	59,284	56,257	5.4						
Total Domestic	10,942	11,641	-6.0	107,411	118,243	-9.2						
THERMOPLASTIC POLYESTER, TOTAL (6)	144,458	134,168	7.7	1,415,936	1,385,252	2.2	147,656	153,359	-3.7	1,357,262	1,377,603	-1.5
Total Exports	24,874	18,691	33.1	249,452	197,307	26.4						
Total Domestic	119,584	115,477	3.6	1,166,484	1,187,945	-1.8						
PET Bottle Grades	79,865	76,651	4.2	781,775	799,430	-2.3						
All Other Thermoplastic Polyester (5)	39,719	38,826	2.3	384,709	388,515	-1.0						

(2) = The publishing of PVAC data has been suspended.

(3) = The publishing of PVOM data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(5) = Includes all other PET and all injection molding grades.

(6) = 1989 Data Includes Sales from Imports.

D = Disclosure.

N/A = Not Available.

PAGE 11

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS

EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS.	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS.	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW.	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS.	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS.	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over.	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS.	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS.	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production.	P
Imports	I
Export Sales.	E
Domestic Sales & Captive Use.	D

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	E P O X Y	P Y	U R E A	M E L A	P H E N	L D P E	H D P E	P P	A B S	S A N	P S	S B L	OTHER S B P	N Y L O N	P V C	P V A C	P V O H	O V T H N E Y R L	T P Y
ADVANCE COATING COMPANY		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL COMPANY							PDE							PDE					PDE
ALLIED-BENDIX CORPORATION					PD														
ALPHA CHEMICAL CORPORATION		PD																	
AMERICAN DYNAMID COMPANY			PDE	PDE															
AMERICAN HOECHST				PD	PD		PDE												PDE
AMERICAN POLYMERS, INC.											PD								
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION							DE	PDE			PDE								
ANDERSON DEVELOPMENT COMPANY													PD						
ARCO CHEMICAL CORPORATION											PDE		PDE						
ARISTECH CHEMICAL COMPANY		PDE									PDE		PDE						
ASHLAND CHEMICAL COMPANY		PDE			PD														
ATOCHEM														PDE					
BASF CORPORATION											PDE		PD	PDE					PDE
BASF CORPORATION												PD							
BASF COATINGS & COLORINGS		PD			PD														
BELDING CHEMICAL INDUSTRIES														PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD										PDE				

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	H D P E	P P	A B S	S A N	P S	S B L	OTHER S B P	N Y L O N	P V C	P V A C	P V O H	O V T H M E Y R L	T P
RTL CORPORATION			PDE	PDE	PDE														
CATW CHEMICAL COMPANY							PDE												
CELANESE CHEMICAL COMPANY																	D		
CERTAINTED PRODUCTS CORPORATION															PD				
CHEMBOND CORPORATION			PD	PD	PD														
CHEVRON CHEMICAL CORPORATION						PDE	PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.														PD					
DAN RIVER																			
DART CONTAINER											PD								
GENCORP																			
DOM CHEMICAL USA	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
DUPONT CANADA						DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDE							PDE	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
ENSER INDUSTRIES																			
ESSO CHEMICAL CORPORATION						DI													
EXXON CHEMICAL AMERICAS						PDE	PDE	PDE											
FINA OIL & CHEMICAL CORPORATION								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	H D P E	P P	A B S	S A N	P S	S B L	OTHER S B P	M Y L O N	P V C	P V A C	P V O H	O V T H N E Y R L	T P Y
FORMICA CORPORATION				PD	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
GENERAL ELECTRIC PLASTICS COMPANY									PDE	PD			PD						PDE
GENESIS POLYMERS												PDE			PDE				
GEORGIA-GULF CORPORATION																			
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS & RESINS		PD																	
B. F. GOODRICH CHEMICAL COMPANY										PDE					PDE				
GOODYEAR CHEMICAL DIVISION												PDE	PDE		PDE				PDE
W. R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICAL COMPANY			PD	PD															
GUARDSMAN																			
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.							PDE	PDE											
HOECHST-CELANESE ENGINEERING RESINS														PDE					PDE
HUMTSMAW CHEMICAL CORPORATION								PDE			PDE								
HYTEK	PDE		PD	PD															
ICI AMERICAS, INC.																			PD
INTERPLASTICS CORPORATION		PD																	
TROWSIDES COMPANY					PD														

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	P O X Y	P Y	U R E A	M E L A	P H E N	L D P E	H D P E	P P	A B S	S A M	P S	S B L	OTHER S B P	N Y L O N	P V C	P V A C	P V O H	O V T H E Y R L	T P Y
KEYSOR CENTURY CORPORATION															PD				
MASONITE CORPORATION					PD														
MOBAY CORPORATION														DEI					
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PD	PD					PDE	PDE			PD	PDE		DE		PDE	
MORTON INDUSTRIES												PDE	PD					PDE	
NOVA CORPORATION						DI													
NYLON CORPORATION OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORPORATION					PDE										PDE				
OWENS-CORNING FIBERGLASS		PDE			PD														
PERKINS INDUSTRIES																			
PERSTORP COMPOUNDS, INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY						PDE	PDE	PDE											
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYSAR, INC.											PDE								
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE								D			
RAYTECH INDUSTRIES, INC.																			
REICHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PDE				DE			
REXENE CORPORATION						PDE		PDE											

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	H D P E	P P	A B S	S A N	P S	S B L	OTHER S B P	N Y L O N	P V C	P V A C	P V O H	O V T H E Y R L	T P
ROGERS CORPORATION	PDE				PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SCOTT POLYMERS											PD								
SEQUA CHEMICAL																DE			
SHAKESPEARE COMPANY														PDE					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHEREX POLYMERS		PD																	
SHINTECH, INC.															PDE				
SILMAR		PDE																	
SOLTEX POLYMERS						PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PD	PD	PD	PD														
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE												
UNION CHEMICAL												PD				D		PD	
VALCHEM			PD		PD														
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VISTA CHEMICAL COMPANY															PDE				
VYGEN CORPORATION															PDE				
WELLMAN, INC.														PDE					
WEST LAKE POLYMERS						PDE													

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

18920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

OCTOBER 31, 1989

APPARENT CONSUMPTION REPORT OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: JANUARY 23, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

OCTOBER 1989

RESIN KIND	OCTOBER				YEAR-TO-DATE				
	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	IMPORT % OF APPARENT CONSUMPTION
EPOXY RESIN, TOTAL	34.2	1.1	4.5	30.8	428.8	11.3	72.0	368.1	3.1
POLYESTER (UNSATURATED) RESINS, TOTAL	115.9	0.7	6.7	109.9	1,140.7	5.4	81.5	1,064.6	0.5
UREA RESINS, TOTAL	143.6	1.7	1.0	144.3	1,224.8	22.4	13.1	1,234.1	1.8
MELAMINE RESINS, TOTAL	18.8	0.3	1.6	17.5	194.5	4.5	10.6	188.4	2.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	274.8	3.6	4.8	273.6	2,424.0	32.5	55.7	2,400.8	1.4
THERMOSETTING RESINS, TOTAL	587.3	7.4	18.6	576.1	5,412.8	76.1	232.9	5,256.0	1.4
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	864.4	84.2	90.7	857.9	8,111.9	721.6	856.4	7,977.1	9.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	701.5	9.8	116.0	595.3	6,848.0	85.9	953.7	5,980.2	1.4
POLYPROPYLENE, TOTAL	642.6	3.7	120.5	525.8	6,185.1	42.3	1,146.0	5,081.4	0.8
ABS RESINS, TOTAL (ACRYLONITRILE-BUTADIENE-STYRENE)	104.5	6.6	10.1	101.0	1,104.4	56.8	104.4	1,056.8	5.4
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	9.7	0.4	5.9	4.2	98.4	5.2	70.4	33.2	15.7
OTHER STYRENICS	103.0	2.3	11.1	94.2	951.5 R	18.0	159.0	810.5	2.2
POLYSTYRENE RESINS, TOTAL	434.9	3.9	28.3	410.5	4,352.4 R	54.0	279.1	4,127.3	1.3
NYLON RESINS	48.4	5.8	12.6	41.6	477.2	48.3	150.9	374.6	12.9
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	724.2	3.8	79.8	648.2	7,130.7	47.7	630.5	6,547.9	0.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS	18.4	6.2	37.9	(13.3)	185.6	246.0	352.4	79.2	310.6
THERMOPLASTIC POLYESTER, TOTAL	147.7	2.7	28.0	122.4	1,357.3	40.3	295.7	1,101.9	3.7
THERMOPLASTIC RESINS, TOTAL	3,799.3	129.4	540.9	3,387.8	36,802.5 R	1,366.1	4,998.5	33,170.1	4.1
GRAND TOTAL	4,386.6	136.8	559.5	3,963.9	42,215.3 R	1,442.2	5,231.4	38,426.1	3.8

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH data is temporarily suspended.

N/A = Not Available. The publishing of PVAc and OSBP is temporarily suspended.

D = Disclosure

R = Revision

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

Sources: Production - SPI Monthly Statistical Report

Imports - Bureau of the Census (IM 145)

Exports - Bureau of the Census (EM 545)

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.



Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

NOVEMBER 31, 1989

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

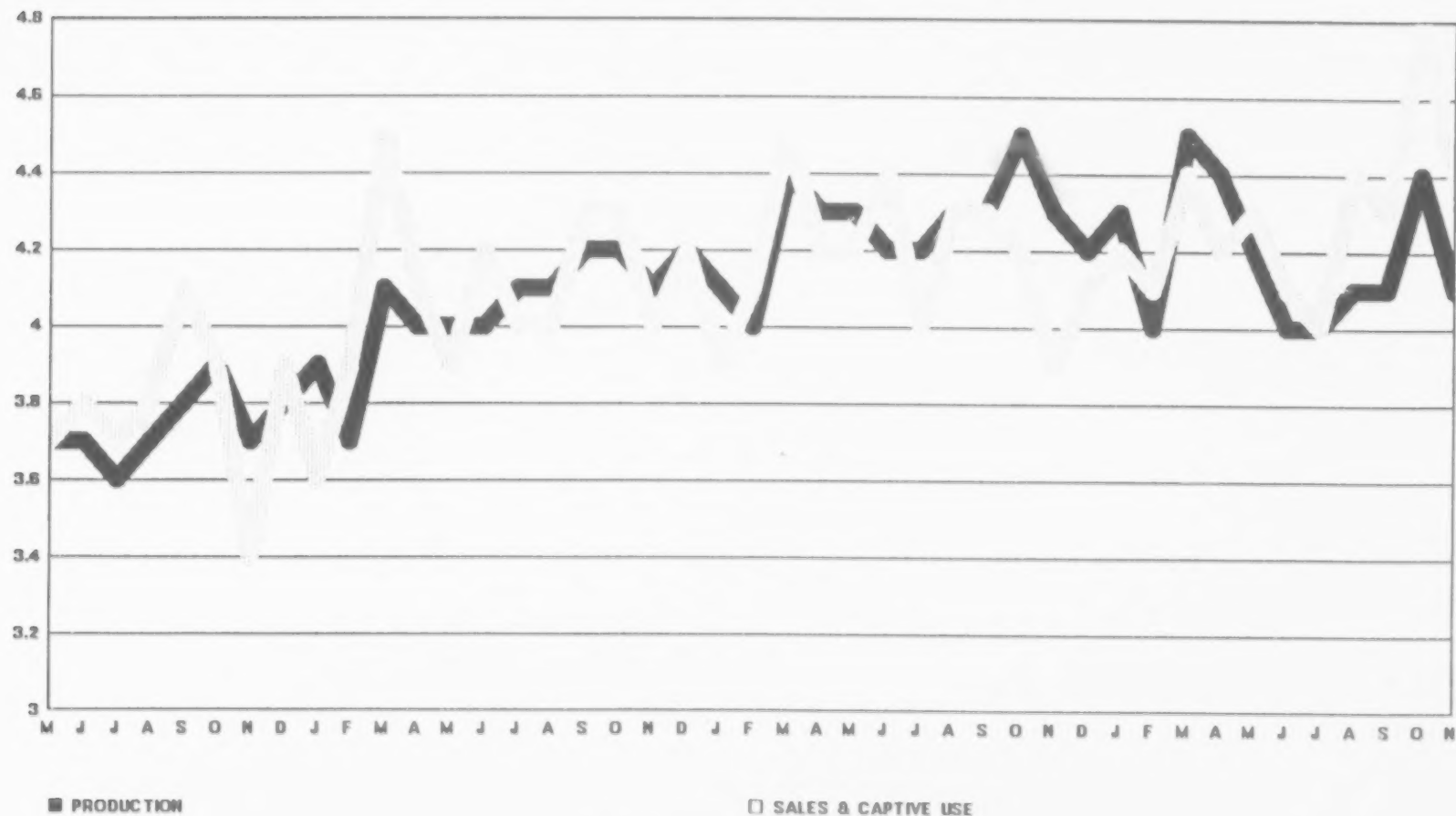
Release Date: JANUARY 23, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

NOVEMBER 1989



SECTION I

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

NOVEMBER 1989

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	34,740	36,554	-5.0	445,727	433,494	2.8	45,576	39,841	14.4	474,351	438,622	8.1
POLYESTER (UNSATURATED) RESINS, TOTAL	97,737	108,859	-10.2	1,219,418	1,299,552	-6.2	100,502	108,778	-7.6	1,241,248	1,307,375	-5.1
UREA RESINS, TOTAL	122,275	112,048	9.1	1,339,032 R	1,235,852	8.3	124,313	112,733	10.3	1,348,708 R	1,310,575	2.9
MELAMINE RESINS, TOTAL	16,440	18,068	-9.0	205,032 R	185,976	10.2	17,639	19,136	-7.8	212,103	190,535	11.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	228,112	237,552	-4.0	2,524,319 R	2,796,982	-9.7	226,040	236,044	-4.2	2,640,465 R	2,793,010	-5.5
THERMOSETTING RESINS, TOTAL	499,304	513,081	-2.7	5,733,528 R	5,951,856	-3.7	514,070	516,532	-0.5	5,916,875 R	6,040,117	-2.0
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	1,012,046	834,353	N/C	9,886,893	9,264,557	N/C	825,043	902,489	-8.6	8,936,920	9,483,650	-5.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	736,643	615,777	19.6	7,598,667	7,444,430	2.1	675,560	724,874	-6.8	7,523,586	7,715,226	-2.5
POLYPROPYLENE, TOTAL	623,550	535,914	16.4	6,712,505	6,543,377	2.6	577,095	624,920	-7.7	6,762,265	6,734,088	0.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	85,158	107,965	-21.1	1,133,100 R	1,181,410	-4.1	71,285	99,130	-28.1	1,175,341 R	1,163,927	1.0
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	6,997	11,986	-41.6	99,691 R	135,084	-26.2	6,323	13,138	-51.9	104,707	136,939	-23.5
POLYSTYRENE RESINS, TOTAL	444,938	390,834	13.8	4,777,576 R	4,660,137	2.5	431,192	432,586	-0.3	4,783,604	4,763,856	0.4
STYRENE BASED LATEXES, TOTAL ***	86,000	81,771	5.2	954,836	921,538	3.6	87,189	79,787	9.3	919,442	881,554	4.3
OTHER STYRENICS, TOTAL (40% or More Styrene)	11,267	14,251	-20.9	141,275 R	166,099	-14.9	8,934	15,095	-40.8	128,152	169,039	-24.2
NYLON RESINS (6)	49,342	51,126	-3.5	539,215	523,807	2.9	42,861	52,326	-18.1	520,044 R	511,201	1.7
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	727,789	643,993	13.0	7,844,263 R	7,597,932	3.2	740,283	695,111	6.5	7,870,951	7,647,634	2.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	15,631	16,614	-5.9	182,926 R	191,114	-4.3	17,490	19,484	-10.2	202,434 R	202,554	-0.1
THERMOPLASTIC POLYESTER, TOTAL (6)	145,872	120,249	21.3	1,559,031 R	1,505,501	3.6	127,678	145,116	-12.0	1,485,196 R	1,522,719	-2.5
THERMOPLASTIC RESINS, TOTAL	3,945,233	3,424,833	15.2	41,429,978 R	40,134,986	3.2	3,610,933	3,804,056	-5.1	40,412,642 R	40,932,387	-1.3
GRAND TOTAL	4,444,537	3,937,914	12.9	47,163,506 R	46,086,842	2.3	4,125,003	4,320,588	-4.5	46,329,517 R	46,972,504	-1.4

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

(3) = The publishing of PVOM data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data includes Sales from Imports.

D = Disclosure.
R = Revision.

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PAGE 2

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	34,740	36,554	-5.0	445,727	433,494	2.8	45,576	39,841	14.4	474,351	438,622	8.1
Total Exports	5,275	7,531	-30.0	77,320	86,972	-11.1						
Captive Use, Total	1,482	1,451	2.1	16,837	13,932	20.9						
Domestic Sales, Total	27,983	27,572	1.5	351,570	332,590	5.7						
Domestic Sales & Captive Use, Total	29,465	29,023	1.5	368,407	346,522	6.3						
Bonding & Adhesives	1,810	1,909	-5.2	22,978	21,172	8.5						
Flooring, Paving & Exposed Aggregate	1,729	1,828	-5.4	22,785	23,272	-2.1						
Protective Coatings	15,080	13,205	14.2	180,957	164,254	10.2						
Fiber Reinforced Lam. & Comp., Total	6,168	6,191	-0.4	77,514	76,965	0.7						
FRL&C for Printed Wiring Board	4,095	4,153	-1.4	53,141	52,371	1.5						
All Other FRL&C	2,073	2,038	1.7	24,373	24,594	-0.9						
Tooling, Casting & Molding Resins	2,083	2,485	-16.2	27,749	24,743	12.1						
All Other Uses	2,595	3,405	-23.8	36,424	36,116	0.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	97,737	108,859	-10.2	1,219,418	1,299,552	-6.2	100,502	108,778	-7.6	1,241,248	1,307,375	-5.1
Total Exports	1,663	1,447	14.9	22,886	14,157	61.7						
Total Domestic	96,074	107,412	-10.6	1,196,532	1,285,395	-6.9						
General Purpose Resins, Total	81,807	92,075	-11.2	1,030,262 R	1,115,951	-7.7						
General Purpose - Thixotropic	36,419	40,605	-10.3	454,854	514,671	-11.6						
General Purpose - Press Molding	11,384	11,005	3.4	127,547	127,686	-0.1						
General Purpose - All Other	34,004	40,465	-16.0	447,861 R	473,594	-5.4						
Flame Retardant Resins	2,170	2,383	-8.9	22,212 R	26,306	-15.6						
Chemical Resistant Resins	12,097	12,954	-6.6	144,058 R	143,138	0.6						
Chemical Resistant Isophthalic Resins	9,058	10,224	-11.4	108,314 R	105,283	2.9						
All Other Chemical Resistant Resins	3,039	2,730	11.3	35,744	37,855	-5.6						
Reinforced Plastics, Total	69,094	80,977	-14.7	885,814	980,045	-9.6						
Non-Reinforced Plastics, Total	26,980	26,435	2.1	310,718	305,350	1.8						

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R = REVISION

PAGE 3

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In Thousands of Pounds, Dry Weight Basis)(1)CRS
NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
UREA RESINS, TOTAL	122,275	112,048	9.1	1,339,032 R	1,235,852	8.3	124,313	112,733	10.3	1,348,708 R	1,310,575	2.9
MELAMINE RESINS, TOTAL	16,440	18,068	-9.0	205,032 R	185,976	10.2	17,639	19,136	-7.8	212,103	190,535	11.3
UREA & MELAMINE RESINS, TOTAL	138,715	130,116	6.6	1,544,064 R	1,421,828	8.6	141,952	131,869	7.6	1,560,811 R	1,501,110	4.0
Total Exports	D1	D1		D1	D1							
Total Domestic	138,715	130,116	6.6	1,544,064	1,421,828	8.6						
Textile Treating & Coating Resins	1,931	2,049	-5.8	24,167 R	25,710	-6.0	2,556	3,096	-17.4	30,837 R	32,476	-5.0
Paper Treating & Coating Resins	4,906	4,394	11.7	55,340	49,293	12.3	5,236	4,776	9.6	56,456	52,328	7.9
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	109,753	102,743	6.8	1,237,072	1,136,784	8.8	110,052	102,384	7.5	1,231,348	1,134,275	8.6
Laminating	4,446	4,300	3.4	68,726	38,582	78.1	3,848	3,805	1.1	58,983	36,685	60.8
Plywood	4,545	3,856	17.9	61,447	46,362	32.5	4,694	3,904	20.2	62,979	48,287	30.4
Fibrous & Granulated Wood (Particle Board)	100,762	94,587	6.5	1,106,899	1,051,840	5.2	101,510	94,675	7.2	1,115,386	1,112,303	0.3
Protective Coatings (Straight & Modified)	8,654	9,673	-10.5	100,882	102,357	-1.4	10,950	11,362	-3.6	125,901	118,117	6.6
All Other Uses	13,471	11,257	19.7	126,603	107,684	17.6	13,158	10,251	28.4	116,269	100,914	15.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	228,112	237,552	-4.0	2,524,319 R	2,796,982	-9.7	226,040	236,044	-4.2	2,640,465 R	2,793,010	-5.5
Total Exports	1,767	1,633	8.2	16,882 R	20,275	-16.7						
Total Domestic	226,345	235,919	-4.1	2,507,437 R	2,776,707	-9.7						
Molding Compounds	14,274	16,440	-13.2	164,593	175,771	-6.4	13,798	16,729	-17.5	174,401	187,001	-6.7
Bonding & Adhesive Resins for:	207,221	214,876	-3.6	2,301,254 R	2,511,852	-8.4	206,549	215,073	-4.0	2,418,892 R	2,516,198	-3.9
Laminating	17,213	16,604	3.7	202,221 R	197,164	2.6	16,406	16,529	-0.7	202,333 R	194,343	4.1
Coated & Bonded Abrasives	1,200	2,046	-41.3	21,450 R	20,423	5.0	1,992	2,064	-3.5	23,104 R	20,548	12.4
Friction Materials	3,583	2,960	21.0	38,170 R	34,264	11.4	2,540	3,138	-19.1	37,543 R	34,658	8.3
Insulation Materials	30,561	45,987	-33.5	384,125 R	456,600	-15.9	30,494	45,103	-32.4	382,376 R	454,453	-15.9
Foundry & Shell Molding	6,863	3,918	75.2	52,836 R	48,399	9.2	7,421	4,042	83.6	51,988 R	48,760	6.6
Plywood	116,822	116,113	0.6	1,233,048 R	1,440,014	-14.4	116,439	115,810	0.5	1,300,787 R	1,440,345	-9.7
Fibrous & Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	690	1,564	-55.9	12,422 R	17,874	-30.5	769	2,688	-71.4	13,088 R	25,736	-49.1
All Other	30,289	25,684	17.9	356,982 R	297,114	20.1	30,488	25,699	18.6	407,673 R	297,355	37.1
Protective Coatings - Unmodified & Modified	1,937	1,666	16.3	12,487 R	19,500	-36.0	3,224	1,668	93.3	13,470 R	19,521	-31.0
Resins Sold to Rubber Ind., Non-Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	2,913	2,937	-0.8	29,103 R	69,584	-58.2	2,469	2,574	-4.1	33,702 R	70,290	-52.1

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.
R = REVISION

(1) = Except phenolic resins which are reported on a gross weight basis.

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS
NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	1,012,046	834,353	N/C	9,886,893	9,264,557	N/C	899,664	N/A		9,641,515 R	N/A	
Total Imports							74,621	N/A		704,595 R	N/A	
Total Exports	114,445	58,978	94.0	990,623	839,812	18.0						
Total Domestic	897,601	775,375	N/C	8,896,270	8,424,745	N/C	825,043	902,489	-8.6	8,936,920	9,483,650	-5.8
Film (12 Mils & Below)	550,966	449,879	N/C	5,301,698	5,033,462	N/C						
Packaging Film	318,746	N/A		3,095,267	N/A							
Food Packaging Film	122,576	N/A		1,173,319	N/A							
Non-Food Packaging Film	151,409	N/A		1,484,840	N/A							
Shrink Film	13,602	N/A		134,533	N/A							
Stretch Film	31,159	N/A		302,575	N/A							
Non-Packaging Film	232,220	N/A		2,206,431	N/A							
Carry-Out Bags	29,971	N/A		334,267	N/A							
Trash and Can Liners	120,498	N/A		1,129,399	N/A							
Other Non-Packaging Film	81,751	N/A		742,765	N/A							
Sheet (Over 12 Mils)	8,320	D4		104,656	D4							
Injection Molding	81,034	60,616	N/C	797,412	672,322	N/C						
Injection Molded Lids	18,538	N/A		222,747	N/A							
Injection Molded Housewares	16,233	N/A		181,259	N/A							
Other Injection Molding	46,263	N/A		393,406	N/A							
Wire & Cable	29,140	31,662	N/C	348,706	353,607	N/C						
Extrusion Coating	69,435	66,895	N/C	662,123	702,516	N/C						
Blow Molding	8,316	6,958	N/C	83,539	69,436	N/C						
Pipe & Conduit, Total	5,467	11,119	N/C	60,702	59,475	N/C						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	7,785	13,560	N/C	93,783	166,338	N/C						
Rotomolding	23,166	N/A		214,281	N/A							
Resellers & Compounders, Total	58,686	46,970	N/C	645,175	534,473	N/C						
Resellers	41,133	N/A		468,271	N/A							
Compounders	17,553	N/A		176,904	N/A							
Adhesives and Sealants	8,048	N/A		103,641	N/A							
All Other Uses	47,238	87,716	N/C	480,554 R	833,116	N/C						

D4 = Disclosure: Included in Film.

(6) = 1989 Data Includes Sales from Imports.

N/A = Data not available.
N/C = Data not comparable.
D = Disclosure.
R = REVISION

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

PAGE 5

SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)CRS
NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	736,643	615,777	19.6	7,598,667	7,444,430	2.1	675,560	724,874	-6.8	7,523,586	7,715,226	-2.5
Total Exports	73,438	41,842	75.5	844,050	598,042	41.1						
Total Domestic	663,205	573,935	15.6	6,754,617	6,846,388	-1.3						
Film (12 Mils & Below)	76,404	62,126	23.0	695,958	676,891	2.8						
Packaging Film	23,001	N/A		198,626 R	N/A							
Food Packaging Film	16,570	N/A		145,098	N/A							
Non-Food Packaging Film	6,431	N/A		53,528 R	N/A							
Non-Packaging Film	53,403	N/A		497,332	N/A							
Carry-Out Bags	24,090	N/A		243,313	N/A							
Trash and Can Liners	D9	N/A		D9	N/A							
Other Non-Packaging Film	29,313	N/A		254,019	N/A							
Sheet (Over 12 Mils)	28,435	26,606	6.9	286,176	254,607	12.4						
Injection Molding	131,605	126,029	4.4	1,313,151	1,538,346	-14.6						
Injection Molded Industrial Parts	43,982	N/A		414,120	N/A							
Injection Molded Housewares	15,616	N/A		147,840	N/A							
Injection Molded Food Tubs and Containers	20,932	N/A		221,562	N/A							
Crates & Totes	17,481	N/A		153,384	N/A							
Other Injection Molding	33,594	N/A		376,245	N/A							
Wire & Cable	10,145	10,536	-3.7	132,311	115,959	14.1						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	249,606	227,855	9.5	2,687,145	2,777,854	-3.3						
Motor Oil Bottles	18,651	N/A		210,415	N/A							
Liquid Food Bottles	79,939	N/A		826,767	N/A							
Household Chemical Bottles	81,984	N/A		834,642	N/A							
Large Containers	18,086	N/A		248,604	N/A							
Other Blow Molding	50,946	N/A		566,717	N/A							
Pipe & Conduit, Total	40,915	39,770	2.9	458,520	496,804	-7.7						
Corrugated Pipe & Conduit	7,430	6,145	20.9	88,538	107,003	-17.3						
Non-Corrugated Pipe & Conduit	33,485	33,625	-0.4	369,982	389,801	-5.1						
Other Extruded Products	6,901	5,298	30.3	61,479	83,563	-26.4						
Rotomolding	7,163	N/A		65,613	N/A							
Reseters & Compounders, Total	62,904	41,659	51.0	722,528	573,797	25.9						
Reseters	52,791	N/A		627,191	N/A							
Compounders	10,113	N/A		95,337	N/A							
All Other Uses	49,127	34,056	44.3	331,736	328,567	1.0						

D5 = Disclosure: Included in Other Extruded Products.
D9 = Disclosure: Included in Other Non-Packaging Film.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

N/A = Not Available.
R = REVISION
Page 6

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYPROPYLENE, TOTAL	623,550	535,914	16.4	6,712,505	6,543,377	2.6	577,095	624,920	-7.7	6,762,265	6,734,088	0.4
Total Exports	133,471	65,817	102.8	1,064,360	1,113,685	-4.4						
Total Domestic	490,079	470,097	4.3	5,648,145	5,429,692	4.0						
Injection Molding	143,232	140,498	1.9	1,659,929	1,578,801	5.1						
Appliances	11,814	12,591	-6.2	149,395	136,403	9.5						
Consumer Products	49,157	32,345	52.0	520,572	384,256	35.5						
Rigid Packaging	47,683	46,388	2.8	570,491	565,555	0.9						
Transportation	18,909	30,596	-38.2	255,359	286,661	-10.9						
All Other Injection Molding	15,669	18,578	-15.7	164,112	205,926	-20.3						
Blow Molding	13,031	10,032	29.9	119,280	122,276	-2.5						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 MILS & Below)	46,139	46,148	0.0	530,504	541,087	-2.0						
Oriented Film	35,546	N/A		408,083	N/A							
Non-Oriented Film	10,593	N/A		122,421	N/A							
Sheet (Over 10 MILS)	10,655	11,414	-6.6	118,693	114,620	3.6						
Extrusion Coating	D5	D		D5	D							
Wire & Cable	D5	D		D5	D							
Fiber & Filaments	141,809	148,578	-4.6	1,825,158	1,698,227	7.5						
Textile Applications, Total	133,555	137,967	-3.2	1,730,969	1,600,882	8.1						
Nonwovens	44,611	N/A		487,626	N/A							
Monofilaments and Multifilament Fibers	36,372	N/A		695,865	N/A							
Slit Film Fibers	52,572	N/A		547,478	N/A							
Non-Textile Monofilaments	8,254	10,611	-22.2	94,189	97,345	-3.2						
Pipe & Conduit	D5	D5		D5	D5							
Other Extruded Products	6,713	7,352	-8.7	88,376	94,746	-6.7						
Resellers, Distributors, & Compounders, Total	118,768	99,844	19.0	1,235,825	1,211,583	2.0						
Resellers & Distributors	77,670	70,403	10.3	833,775	886,857	-6.0						
Compounders	41,098	29,441	39.6	402,050	324,726	23.8						
All Other Uses	9,732	6,231	56.2	70,380	68,352	3.0						

D5 = Disclosure: Included in Other Extruded Products.

N/A = Data not available.

D = Disclosure

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS(CRS)

D = Disclosure.
R = Revision.

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)CRS
NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYSTYRENE RESINS, TOTAL	444,938	390,834	13.8	4,777,576 R	4,660,137	2.5	431,192	432,586	-0.3	4,783,604	4,763,856	0.4
Straight Polystyrene	246,865	213,244	15.8	2,576,745 R	2,494,067	3.3	229,654	237,826	-3.4	2,574,449	2,495,218	3.2
Rubber-Modified Polystyrene	198,073	177,590	11.5	2,200,831 R	2,166,070	1.6	201,538	194,760	3.5	2,209,155	2,268,638	-2.6
Exports Total	17,402	8,923	95.0	200,491 R	147,061	36.3						
Straight Polystyrene	9,637	6,542	47.3	110,115 R	107,713	2.2						
Rubber-Modified Polystyrene	7,765	2,381	226.1	90,376 R	39,348	129.7						
Domestic Total	427,536	381,911	11.9	4,577,085 R	4,513,076	1.4						
Molding	169,647	142,087	19.4	1,741,112 R	1,713,910	1.6						
Extrusion	173,318	165,631	4.6	2,043,423 R	2,030,031	0.7						
Expandable Polystyrene Beads	65,703	55,872	17.6	639,083	537,109	19.0						
Block	26,782	25,395	5.5	248,631	257,599	-3.5						
Shape	16,021	12,722	25.9	140,646	130,721	7.6						
Loose Fill	D6	D6		D6	D6							
Other EPS	22,900	17,755	29.0	249,806	148,789	67.9						
All Other Uses	18,868	18,321	3.0	153,467	232,026	-33.9						
Polystyrene End Uses Total	427,536	381,911	11.9	4,577,085 R	4,513,076	1.4						
Packaging	51,106	65,085	-21.5	706,973 R	916,010	-22.8						
Disposable Food Serviceware	85,232	71,437	19.3	889,722 R	853,587	4.2						
Consumer and Inst. Products	38,714	56,186	-31.1	558,504 R	698,102	-20.0						
Electrical/Electronics	56,435	50,169	12.5	570,183 R	522,093	9.2						
Furniture, Furn., Bulding & Const.	25,502	24,706	3.2	280,372 R	273,982	2.3						
Expandable Polystyrene Beads	65,703	55,872	17.6	639,600	537,109	19.1						
Resellers and Compounders	43,243	34,937	23.8	474,184 R	462,888	2.4						
All Other End Uses	61,601	23,519	161.9	457,547 R	249,305	83.5						

D6 = Disclosure: Included in Other EPS.

R = REVISION

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PAGE 8

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	85,158	107,965	-21.1	1,133,100 R	1,181,410	-4.1	71,285	99,130	-28.1	1,175,341 R	1,163,927	1.0
SAW (STYRENE-ACRYLONITRILE-BUTADIENE), TOTAL	6,997	11,986	-41.6	99,691 R	135,084	-26.2	6,323	13,138	-51.9	104,707	136,939	-23.5
Total Exports	829	4,955	-83.3	29,626	50,721	-41.6						
Total Domestic	6,168	7,031	-12.3	70,065 R	84,363	-16.9						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	11,267	14,251	-20.9	141,275 R	166,099	-14.9	8,934	15,095	-40.8	128,152	169,039	-24.2
ABS, SAW, & OTHER STYRENICS, TOTAL	103,422	134,202	-22.9	1,374,066 R	1,482,593	-7.3	86,542	127,363	-32.1	1,408,200 R	1,469,905	-4.2
Total Exports	N.R.1	N.R.1		N.R.1	N.R.1							
Total Domestic	103,422	134,202	-22.9	1,374,066 R	1,482,593	-7.3						
Electrical/Electronic	N.R.2	N.R.2		N.R.2	N.R.2							
Building and Construction	9,789	13,856	-29.4	129,342 R	134,640	-3.9						
Transportation	29,472	31,112	-5.3	352,333 R	327,160	7.7						
Consumer/Institutional	N.R.2	N.R.2		N.R.2	N.R.2							
All Other	64,161	89,234	-28.1	892,391 R	1,020,793	-12.6						
STYRENE BASED LATEXES, TOTAL ***	86,000	81,771	5.2	954,836	921,538	3.6	87,189	79,787	9.3	919,442	881,554	4.3
Paper Treating	2,514	2,114	18.9	26,261	27,775	-5.4						
Textile Treating	892	878	1.6	10,322	10,649	-3.1						
Carpet Backing	32,408	30,633	5.8	354,574	352,690	0.5						
All Other Uses (Incl. Exports & Paper Coating)	50,186	48,146	4.2	563,679	530,426	6.3						
NYLON RESINS, TOTAL (6)	49,342	51,126	-3.5	539,215	523,807	2.9	N/A	N/A		N/A	N/A	
Total Imports							N/A	N/A		N/A	N/A	
Total Exports	6,006	7,397	-18.8	71,644	71,181	0.7						
Total Domestic	43,336	43,729	-0.9	467,571	452,626	3.3	42,861	52,326	-18.1	520,044 R	511,201	1.7
Injection Molding Grade	26,646	25,301	5.3	281,132	266,843	5.4						
Extrusion Grade	13,063	12,614	3.6	138,343	137,306	0.8						
Resellers and Compounders	2,825	4,617	-38.8	34,987	34,596	1.1						
All Other Uses	802	1,197	-33.0	13,109	13,881	-5.6						

N.R.1 = Not Reported: Included in Total Domestic and in All Other.

N.R.2 = Not Reported: Included in All Other.

*** = Styrene Based Latexes sales include some Canadian produced material.

(6) = Includes Sales from Imports.

N/A = Not Available.
R = Revision.

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin Content)	727,789	643,993	13.0	7,844,263 R	7,597,932	3.2	740,283	695,111	6.5	7,870,951	7,647,634	2.9
Homopolymer Resins Including Blending & Latex	668,820	587,527	13.8	7,175,424 R	6,966,775	3.0	674,486	636,305	6.0	7,197,657	7,019,114	2.5
Copolymer Resins Including Blending & Latex	15,761	16,814	-6.3	200,695	194,891	3.0	20,709	16,492	25.6	201,227	194,494	3.5
Dispersion	43,208	39,652	9.0	468,144	436,266	7.3	45,088	42,314	6.6	472,067	434,026	8.8
Total Exports	116,838	40,424	189.0	821,993 R	460,262	78.6						
Total Domestic	610,951	603,569	1.2	7,022,270	7,137,670	-1.6						
Calendering, Total	73,360	69,439	5.6	842,689	785,261	7.3						
Flooring	18,530	15,958	16.1	200,945	188,512	6.6						
Textile	8,119	8,453	-4.0	108,318	116,734	-7.2						
All Other Calendering Uses	46,711	45,028	3.7	533,426 R	480,015	11.1						
Coating, Total	28,488	31,591	-9.8	333,902	341,022	-2.1						
Flooring	12,571	13,714	-8.3	141,560	143,785	-1.5						
Textile & Paper Coating	8,120	9,300	-12.7	97,570	98,890	-1.3						
Protective Coating	4,311	4,188	2.9	47,195	50,782	-7.1						
Adhesives & All Other Coating Uses	3,486	4,389	-20.6	47,577	47,565	0.0						
Extrusion, Total	398,903	401,142	-0.6	4,697,805	4,820,041	-2.5						
Wire & Cable	30,860	36,439	-15.3	362,865	396,300	-8.4						
Film & Sheet, Packaging	26,201	26,113	0.3	314,522	306,637	2.6						
Film & Sheet, Non-Packaging	2,275	3,319	-31.5	45,750	39,413	16.1						
Siding & Access., & Mobile Home Skirts	60,276	50,947	18.3	715,988	640,285	11.8						
Rigid Pipe & Tubing (Except Fittings)	232,003	235,527	-1.5	2,745,171	2,948,933	-6.9						
All Other Extrusions	47,288	48,797	-3.1	513,509	488,473	5.1						
Molding, Total	42,764	41,575	2.9	481,317	505,529	-4.8						
Bottles	20,233	17,183	17.8	201,588	198,186	1.7						
Fittings (Rigid Pipe & Tubing)	9,059	12,829	-29.4	136,252	155,068	-12.1						
All Other Molding	13,472	11,563	16.5	143,477	152,275	-5.8						
Paste Processes (Except Coating)	14,238	13,845	2.8	162,024	152,627	6.2						
Plastisol Formulation	7,498	6,814	10.0	87,555	78,930	10.9						
All Other	6,740	7,031	-4.1	74,469	73,697	1.0						
Resellers and Compounders	26,729	33,550	-20.3	292,601	349,618	-16.3						
All Other Uses	26,469	12,427	113.0	211,932	183,572	15.4						

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

R = REVISION

PAGE 10

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS
NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
VINYL ACETATE MONOMER (2) FOR POLYVINYL ACETATE, TOTAL												
Total Exports												
Total Domestic												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
Total Exports	D	D		D	D							
Total Domestic	D	D		D	D							
OTHER VINYL RESINS, TOTAL (4)	15,631	16,614	-5.9	182,926 R	191,114	-4.3	17,490	19,484	-10.2	202,434 R	202,554	-0.1
Total Exports	5,399	4,338	24.5	65,183 R	60,595	7.6						
Total Domestic	10,232	12,276	-16.7	117,743 R	130,519	-9.8						
THERMOPLASTIC POLYESTER, TOTAL (6)	145,872	120,249	21.3	1,559,031 R	1,505,501	3.6	127,678	145,116	-12.0	1,485,196 R	1,522,719	-2.5
Total Exports	20,096	13,102	53.4	266,771 R	210,409	26.8						
Total Domestic	125,776	107,147	17.4	1,292,260	1,295,092	-0.2						
PET Bottle Grades	85,371	69,652	22.6	867,146	868,992	-0.2						
All Other Thermoplastic Polyester (5)	40,405	37,585	7.5	425,114	426,100	-0.2						

- (2) = The publishing of PVAC data has been suspended.
 (3) = The publishing of PVOH data has been suspended.
 (4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.
 (5) = Includes all other PET and all injection molding grades.
 (6) = 1989 Data Includes Sales from Imports.

D = Disclosure.
N/A = Not Available.

A3920-5

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

DECEMBER 31, 1989

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

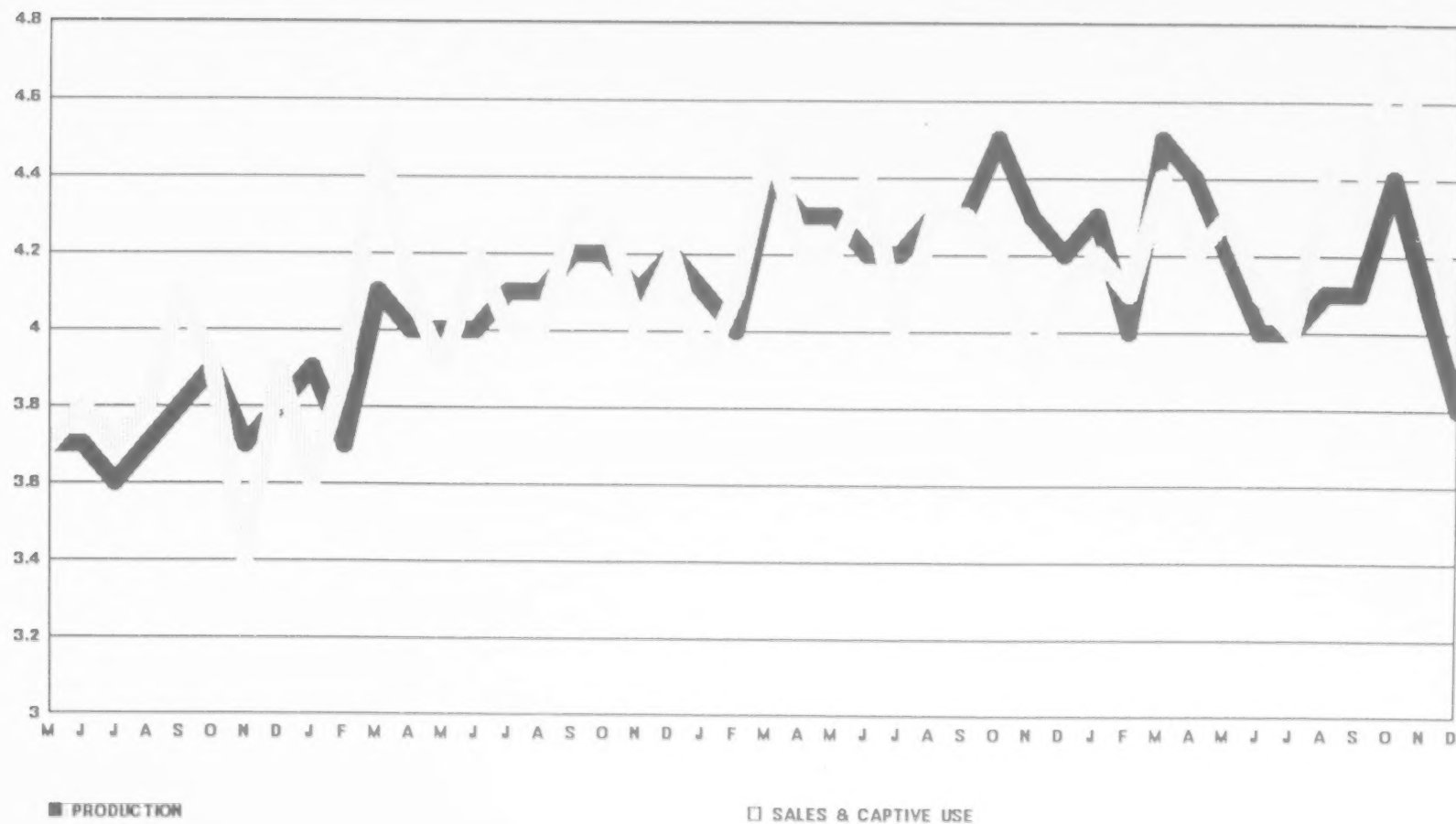
Release Date: FEBRUARY 16, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

DECEMBER 1989



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

DECEMBER 1989

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	35,907	34,581	3.8	481,634	468,075	2.9	35,087	47,377	-25.9	509,438	485,999	4.8
POLYESTER (UNSATURATED) RESINS, TOTAL	82,492	93,734	-12.0	1,301,910	1,393,286	-6.6	85,294	96,412	-11.5	1,319,363	1,403,787	-6.0
UREA RESINS, TOTAL	118,334	113,953	3.8	1,458,027	1,349,805	8.0	119,969	114,687	4.6	1,469,347	1,425,262	3.1
MELAMINE RESINS, TOTAL	14,608	16,507	-11.5	220,183	202,483	8.7	16,826	15,883	5.9	229,479	206,418	11.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,995	275,878	-19.9	2,745,316	3,072,860	-10.7	221,258	273,372	-19.1	2,861,723	3,066,382	-6.7
THERMOSETTING RESINS, TOTAL	472,336	534,653	-11.7	6,207,070	6,486,509	-4.3	478,434	547,731	-12.7	6,389,350	6,587,848	-3.0
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	920,663	912,874	N/C	10,807,556	10,177,431	N/C	791,490	913,738	-13.4	9,728,410	10,397,388	-6.4
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	628,840	639,760	-1.7	8,219,462	8,084,190	1.7	580,311	685,019	-15.3	8,100,278	8,400,245	-3.6
POLYPROPYLENE, TOTAL	584,422	544,688	7.3	7,296,927	7,088,065	2.9	590,560	539,504	9.5	7,352,825	7,273,592	1.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	82,965	97,598	-15.0	1,216,865	1,279,008	-4.9	87,509	112,508	-22.2	1,249,150	1,276,435	-2.1
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7,583	10,845	-30.1	107,974	145,929	-26.0	7,881	10,936	-27.9	110,388	147,875	-25.4
POLYSTYRENE RESINS, TOTAL	355,384	366,428	-3.0	5,130,547	5,026,565	2.1	401,807	423,161	-5.0	5,102,530	5,187,017	-1.6
STYRENE BASED LATEXES, TOTAL ***	73,241	73,180	0.1	1,028,077	994,718	3.4	74,614	74,757	-0.2	994,056	956,311	3.9
OTHER STYRENICS, TOTAL (40% or More Styrene)	10,318	15,078	-31.6	151,993	181,177	-16.1	10,947	16,112	-32.1	136,799	185,151	-26.1
NYLON RESINS (6)	41,271	50,539	-18.3	580,486	574,346	1.1	41,262	51,349	-19.6	561,306	566,023	-0.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	625,555	688,793	-9.2	8,469,818	8,286,725	2.2	616,775	702,433	-12.2	8,487,726	8,350,067	1.6
VINYL ACRYLATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,601	16,945	3.9	200,527	208,059	-3.6	17,439	19,139	-8.9	219,873	221,693	-0.8
THERMOPLASTIC POLYESTER, TOTAL (6)	148,308	137,261	8.0	1,707,339	1,642,762	3.9	144,864	129,134	12.2	1,630,060	1,651,853	-1.3
THERMOPLASTIC RESINS, TOTAL	3,496,151	3,553,989	-1.6	44,917,571	43,688,975	2.8	3,365,459	3,677,790	-8.5	43,673,401	44,613,650	-2.1
GRAND TOTAL	3,968,487	4,088,642	-2.9	51,124,641	50,175,484	1.9	3,843,893	4,225,521	-9.0	50,062,751	51,201,498	-2.2

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

R = Revision.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene

(6) = Data includes Sales from Imports.

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SECTION 1 - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	35,907	34,581	3.8	481,634	468,075	2.9	35,087	47,377	-25.9	509,438	485,999	4.8
Total Exports	8,713	5,287	64.8	86,033	92,259	-6.7						
Captive Use, Total	947	1,218	-22.2	17,784	15,150	17.4						
Domestic Sales, Total	26,247	28,076	-6.5	377,817	360,666	4.8						
Domestic Sales & Captive Use, Total	27,194	29,294	-7.2	395,601	375,816	5.3						
Bonding & Adhesives	1,841	1,952	-5.7	24,819	23,124	7.3						
Flooring, Paving & Exposed Aggregate	1,959	2,062	-5.0	24,744	25,334	-2.3						
Protective Coatings	13,822	14,155	-2.4	192,496 R	178,409	7.9						
Fiber Reinforced Lam. & Comp., Total	5,185	5,601	-7.4	82,699	82,566	0.2						
FRL&C for Printed Wiring Board	3,625	4,118	-12.0	56,766	56,489	0.5						
All Other FRL&C	1,560	1,483	5.2	25,933	26,077	-0.6						
Tooling, Casting & Molding Resins	2,024	2,319	-12.7	29,773	27,062	10.0						
All Other Uses	2,363	3,205	-26.3	41,070 R	39,321	4.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	82,492	93,734	-12.0	1,301,910	1,393,286	-6.6	85,294	96,412	-11.5	1,319,363 R	1,403,787	-6.0
Total Exports	1,350	1,725	-21.7	24,236	15,882	52.6						
Total Domestic	81,142	92,009	-11.8	1,277,674	1,377,404	-7.2						
General Purpose Resins, Total	69,014	78,938	-12.6	1,099,276	1,194,889	-8.0						
General Purpose - Thixotropic	27,168	35,327	-23.1	482,022	549,998	-12.4						
General Purpose - Press Molding	8,950	8,577	4.3	136,497	136,263	0.2						
General Purpose - All Other	32,896	35,034	-6.1	480,757	508,628	-5.5						
Flame Retardant Resins	2,142	1,813	18.1	24,354	28,119	-13.4						
Chemical Resistant Resins	9,986	11,258	-11.3	154,044	154,396	-0.2						
Chemical Resistant Isophthalic Resins	7,335	8,573	-14.4	115,649	113,856	1.6						
All Other Chemical Resistant Resins	2,651	2,685	1.3	38,395	40,540	-5.3						
Reinforced Plastics, Total	58,450	69,576	-16.0	949,829 R	1,049,621	-9.5						
Non-Reinforced Plastics, Total	22,692	22,433	1.2	327,845 R	327,783	0.0						

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R = REVISION

PAGE 3

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In Thousands of Pounds, Dry Weight Basis)(1)CRS
DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
UREA RESINS, TOTAL	118,334	113,953	3.8	1,458,027 R	1,349,805	8.0	119,969	114,687	4.6	1,469,347 R	1,425,262	3.1
MELAMINE RESINS, TOTAL	14,608	16,507	-11.5	220,183 R	202,483	8.7	16,826	15,883	5.9	229,479 R	206,418	11.2
UREA & MELAMINE RESINS, TOTAL	132,942	130,460	1.9	1,678,210 R	1,552,288	8.1	136,795	130,570	4.8	1,698,826 R	1,631,680	4.1
Total Exports	D1	D1		D1	D1							
Total Domestic	132,942	130,460	1.9	1,678,210 R	1,552,288	8.1						
Textile Treating & Coating Resins	1,668	1,786	-6.6	25,835	27,496	-6.0	3,257	2,714	20.0	34,094	35,190	-3.1
Paper Treating & Coating Resins	5,250	5,190	1.2	61,660 R	54,483	13.2	5,368	5,288	1.5	62,964 R	57,616	9.3
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	107,083	107,462	-0.4	1,344,210 R	1,244,246	8.0	107,075	107,348	-0.3	1,338,483 R	1,304,623	2.6
Laminating	3,955	3,607	9.6	72,683 R	42,189	72.3	3,788	3,055	24.0	62,776 R	39,740	58.0
Plywood	5,305	3,882	36.7	66,805 R	50,244	33.0	5,497	3,978	38.2	68,531 R	52,265	31.1
Fibrous & Granulated Wood (Particle Board)	97,823	99,973	-2.2	1,204,722	1,151,813	4.6	97,790	100,315	-2.5	1,213,176	1,212,618	0.0
Protective Coatings (Straight & Modified)	7,351	8,586	-14.4	108,233	110,943	-2.4	10,130	10,026	1.0	136,031	128,143	6.2
All Other Uses	11,590	7,436	55.9	138,272 R	115,120	20.1	10,965	5,194	111.1	127,254 R	106,108	19.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,995	275,878	-19.9	2,745,316 R	3,072,860	-10.7	221,258	273,372	-19.1	2,861,723	3,066,382	-6.7
Total Exports	2,127	1,935	9.9	19,712 R	22,210	-11.2						
Total Domestic	218,868	273,943	-20.1	2,725,604 R	3,050,650	-10.7						
Molding Compounds	13,024	14,213	-8.4	176,916 R	189,984	-6.9	11,763	14,483	-18.8	186,164	201,484	-7.6
Bonding & Adhesive Resins for:	202,946	250,787	-19.1	2,504,200	2,762,639	-9.4	207,704	249,652	-16.8	2,626,596	2,765,850	-5.0
Laminating	13,229	19,717	-32.9	215,450	216,881	-0.7	13,086	18,785	-30.3	215,419	213,128	1.1
Coated & Bonded Abrasives	2,492	2,154	15.7	23,942	22,577	6.0	3,710	2,163	71.5	26,814	22,711	18.1
Friction Materials	3,081	3,715	-17.1	41,251	37,979	8.6	2,353	3,496	-32.7	39,896	38,154	4.6
Insulation Materials	30,774	46,772	-34.2	414,899	503,372	-17.6	32,010	45,459	-29.6	414,386	499,912	-17.1
Foundry & Shell Molding	6,939	4,558	52.2	59,775	52,957	12.9	7,075	4,459	58.7	59,063	53,219	11.0
Plywood	114,452	141,695	-19.2	1,347,500	1,581,709	-14.8	114,382	142,266	-19.6	1,415,169	1,582,611	-10.6
Fibrous & Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	1,232	1,502	-18.0	13,654	19,376	-29.5	1,992	2,802	-28.9	15,080	28,538	-47.2
All Other	30,747	30,674	0.2	387,729	327,788	18.3	33,096	30,222	9.5	440,769	327,577	34.6
Protective Coatings - Unmodified & Modified	910	1,764	-48.4	13,397	21,264	-37.0	696	1,760	-60.5	14,166	21,281	-33.4
Resins Sold to Rubber Ind., Non-Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	1,988	7,179	-72.3	31,091	76,763	-59.5	1,095	7,477	-85.4	34,797	77,767	-55.3

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.
R = REVISION

(1) = Except phenolic resins which are reported on a gross weight basis.

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	920,663	912,874	N/C	10,807,556	10,177,431	N/C	866,902	N/A		10,508,417	N/A	
Total Imports							75,412	N/A		780,007	N/A	
Total Exports	124,963	66,217	88.7	1,115,586	906,029	23.1						
Total Domestic	795,700	846,657	N/C	9,691,970	9,271,402	N/C	791,490	913,738	-13.4	9,728,410	10,397,388	-6.4
Film (12 Mils & Below)	492,109	480,881	N/C	5,793,807	5,514,343	N/C						
Packaging Film	302,842	N/A		3,398,109	N/A							
Food Packaging Film	116,226	N/A		1,289,545	N/A							
Non-Food Packaging Film	143,794	N/A		1,628,634	N/A							
Shrink Film	13,875	N/A		148,408	N/A							
Stretch Film	28,947	N/A		331,522	N/A							
Non-Packaging Film	189,267	N/A		2,395,698	N/A							
Carry-Out Bags	27,656	N/A		361,923	N/A							
Trash and Can Liners	100,310	N/A		1,229,709	N/A							
Other Non-Packaging Film	61,301	N/A		804,066	N/A							
Sheet (Over 12 Mils)	7,535	D4		112,191	D4							
Injection Molding	75,364	85,368	N/C	872,776	757,690	N/C						
Injection Molded Lids	23,361	N/A		246,108	N/A							
Injection Molded Housewares	14,153	N/A		195,412	N/A							
Other Injection Molding	37,850	N/A		431,256	N/A							
Wire & Cable	20,579	32,717	N/C	369,285	386,324	N/C						
Extrusion Coating	64,653	66,900	N/C	726,776	769,416	N/C						
Blow Molding	6,884	6,399	N/C	90,423	75,835	N/C						
Pipe & Conduit, Total	4,625	3,832	N/C	65,327	63,307	N/C						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	8,386	14,016	N/C	103,925 R	180,354	N/C						
Rotomolding	20,879	N/A		233,404 R	N/A							
Resettlers & Compounders, Total	58,173	76,304	N/C	703,348	610,777	N/C						
Resettlers	39,019	N/A		507,290	N/A							
Compounders	19,154	N/A		196,058	N/A							
Adhesives and Sealants	8,110	N/A		111,751	N/A							
All Other Uses	28,403	80,240	N/C	508,957	913,356	N/C						

D4 = Disclosure: Included in Film.

(6) = 1989 Data Includes Sales from Imports.

N/A = Data not available.
N/C = Data not comparable.
D = Disclosure.
R = REVISION

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PAGE 5

SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)CRS
DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	628,840	639,760	-1.7	8,219,462 R	8,084,190	1.7	580,311	685,019	-15.3	8,100,278 R	8,400,245	-3.6
Total Exports	76,293	50,896	49.9	920,535 R	648,938	41.9						
Total Domestic	552,547	588,864	-6.2	7,298,927 R	7,435,252	-1.8						
Film (12 Mils & Below)	76,615	58,756	30.4	771,967 R	735,647	4.9						
Packaging Film	26,490	N/A		219,239 R	N/A							
Food Packaging Film	15,282	N/A		159,842 R	N/A							
Non-Food Packaging Film	11,208	N/A		59,397 R	N/A							
Non-Packaging Film	50,125	N/A		552,728 R	N/A							
Carry-Out Bags	22,605	N/A		263,358 R	N/A							
Trash and Can Liners	D9	N/A		D9	N/A							
Other Non-Packaging Film	27,520	N/A		289,370 R	N/A							
Sheet (Over 12 Mils)	18,943	27,129	-30.2	303,915 R	281,736	7.9						
Injection Molding	101,121	119,450	-15.3	1,407,870 R	1,657,796	-15.1						
Injection Molded Industrial Parts	28,105	N/A		453,117 R	N/A							
Injection Molded Housewares	12,234	N/A		160,191 R	N/A							
Injection Molded Food Tubs and Containers	16,572	N/A		243,893 R	N/A							
Crates & Totes	13,179	N/A		170,547 R	N/A							
Other Injection Molding	31,031	N/A		380,122 R	N/A							
Wire & Cable	8,143	9,441	-13.7	140,454	125,400	12.0						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	202,066	224,506	-10.0	2,894,200 R	3,002,360	-3.6						
Motor Oil Bottles	14,034	N/A		224,279 R	N/A							
Liquid Food Bottles	72,581	N/A		902,898 R	N/A							
Household Chemical Bottles	70,006	N/A		900,898 R	N/A							
Large Containers	15,725	N/A		250,965 R	N/A							
Other Blow Molding	29,720	N/A		615,160 R	N/A							
Pipe & Conduit, Total	29,370	40,625	-27.7	485,779 R	537,429	-9.6						
Corrugated Pipe & Conduit	6,934	9,478	-26.8	94,815 R	116,481	-18.6						
Non-Corrugated Pipe & Conduit	22,436	31,147	-28.0	390,964 R	420,948	-7.1						
Other Extruded Products	4,906	3,266	50.2	67,120 R	86,829	-22.7						
Rotomolding	5,625	N/A		71,681 R	N/A							
Resellers & Compounders, Total	70,864	71,796	-1.3	792,682 R	645,593	22.8						
Resellers	63,281	N/A		689,046 R	N/A							
Compounders	7,583	N/A		103,636 R	N/A							
All Other Uses	34,894	33,895	2.9	363,259 R	362,462	0.2						

D5 = Disclosure: Included in Other Extruded Products.
D9 = Disclosure: Included in Other Non-Packaging Film.

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N/A = Not Available.
R = REVISION
Page 6

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)CRS
DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYPROPYLENE, TOTAL	584,422	544,688	7.3	7,296,927	7,088,065	2.9	590,560	539,504	9.5	7,352,825	7,273,592	1.1
Total Exports	126,675	66,104	91.6	1,191,035	1,179,789	1.0						
Total Domestic	457,747	478,584	-4.4	6,105,892	5,908,276	3.3						
Injection Molding	126,430	131,075	-3.5	1,786,359	1,709,876	4.5						
Appliances	10,414	9,535	9.2	159,809	145,938	9.5						
Consumer Products	39,529	33,540	17.9	560,101	417,796	34.1						
Rigid Packaging	44,997	41,528	8.4	615,488	607,083	1.4						
Transportation	15,585	26,092	-40.3	270,944	312,753	-13.4						
All Other Injection Molding	15,905	20,380	-22.0	180,017	226,306	-20.5						
Blow Molding	9,815	9,226	6.4	129,095	131,502	-1.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	41,317	44,837	-7.9	571,821	585,924	-2.4						
Oriented Film	32,358	N/A		440,441	N/A							
Non-Oriented Film	8,959	N/A		131,380	N/A							
Sheet (Over 10 Mils)	10,903	11,487	-5.1	129,596	126,107	2.8						
Extrusion Coating	D5	D		D5	D							
Wire & Cable	D5	D		D5	D							
Fiber & Filaments	139,448	143,076	-2.5	1,964,606	1,841,303	6.7						
Textile Applications, Total	133,503	135,313	-1.3	1,864,472	1,736,195	7.4						
Nonwovens	49,096	N/A		536,722	N/A							
Monofilament and Multifilament Fibers	29,204	N/A		725,069	N/A							
Slit Film Fibers	55,203	N/A		602,681	N/A							
Non-Textile Monofilaments	5,945	7,763	-23.4	100,134	105,108	-4.7						
Pipe & Conduit	D5	D5		D5	D5							
Other Extruded Products	5,989	6,999	-14.4	94,365	101,745	-7.3						
Resellers, Distributors, & Compounders, Total	120,805	122,963	-1.8	1,356,630	1,334,546	1.7						
Resellers & Distributors	82,617	94,243	-12.3	916,392	981,100	-6.6						
Compounders	38,188	28,720	33.0	440,238	353,446	24.6						
All Other Uses	3,040	8,921	-65.9	73,420	77,273	-5.0						

D5 = Disclosure: Included in Other Extruded Products.
N/A = Data not available.

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D = Disclosure.
R = Revision.

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYSTYRENE RESINS, TOTAL	355,384	366,428	-3.0	5,130,547 R	5,026,565	2.1	401,807	423,161	-5.0	5,102,530 R	5,187,017	-1.6
Straight Polystyrene	193,266	195,561	-1.2	2,759,395 R	2,689,628	2.6	212,228	230,863	-8.1	2,776,056 R	2,726,081	1.8
Rubber-Modified Polystyrene	162,118	170,867	-5.1	2,371,152 R	2,336,937	1.5	189,579	192,298	-1.4	2,326,474 R	2,460,936	-5.5
Exports Total	17,512	14,110	24.1	224,402 R	161,171	39.2						
Straight Polystyrene	9,279	7,424	25.0	123,217 R	115,137	7.0						
Rubber-Modified Polystyrene	8,233	6,686	23.1	101,185 R	46,034	119.8						
Domestic Total	337,872	352,318	-4.1	4,906,145 R	4,865,394	0.8						
Molding	141,640	135,526	4.5	2,007,478 R	1,849,436	8.5						
Extrusion	137,924	149,418	-7.7	2,054,561 R	2,179,449	-5.7						
Expandable Polystyrene Beads	45,202	49,033	-7.8	683,985 R	586,142	16.7						
Block	13,774	19,039	-27.7	262,405	276,638	-5.1						
Shape	9,090	11,058	-17.8	149,736	141,779	5.6						
Loose Fill	D6	D6		D6	D6							
Other EPS	22,338	18,936	18.0	271,844 R	167,725	62.1						
All Other Uses	13,106	18,341	-28.5	160,121 R	250,367	-36.0						
Polystyrene End Uses Total	337,872	352,318	-4.1	4,906,145 R	4,865,394	0.8						
Packaging	59,259	59,496	-0.4	904,918 R	975,506	-7.2						
Disposable Food Serviceware	66,554	67,274	-1.1	969,378 R	920,861	5.3						
Consumer and Inst. Products	39,407	51,169	-23.0	679,571 R	749,271	-9.3						
Electrical/Electronics	49,173	50,220	-2.1	647,613 R	572,313	13.2						
Furniture, Furn., Bulding & Const.	22,227	20,345	9.3	307,592 R	294,327	4.5						
Expandable Polystyrene Beads	45,202	49,033	-7.8	684,502 R	586,142	16.8						
Resellers and Compounders	36,861	35,351	4.3	526,076 R	498,239	5.6						
All Other End Uses	19,189	19,430	-1.2	186,495 R	268,735	-30.6						

D6 = Disclosure: Included in Other EPS.

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	82,965	97,598	-15.0	1,216,865 R	1,279,008	-4.9	87,509	112,508	-28.1	1,249,150 R	1,276,435	-2.1
SAN (STYRENE-ACRYLONITRILE-BUTADIENE), TOTAL	7,583	10,845	-30.1	107,974 R	145,929	-26.0	7,881	10,936	-27.9	110,388 R	147,875	-25.4
Total Exports	2,350	4,648	-49.4	32,577 R	55,369	-41.2						
Total Domestic	5,233	6,197	-15.6	75,397 R	90,560	-16.7						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	10,318	15,078	-31.6	151,993 R	181,177	-16.1	10,947	16,112	-32.1	136,799 R	185,151	-26.1
ABS, SAN, & OTHER STYRENICS, TOTAL	100,866	123,521	-18.3	1,476,832 R	1,606,114	-8.0	106,337	139,556	-23.8	1,496,337 R	1,609,461	-7.0
Total Exports	N.R.1	N.R.1		N.R.1	N.R.1							
Total Domestic	100,866	123,521	-18.3	1,476,832 R	1,606,114	-8.0						
Electrical/Electronic	N.R.2	N.R.2		N.R.2	N.R.2							
Building and Construction	12,905	12,949	-0.3	142,428 R	147,589	-3.5						
Transportation	22,880	28,383	-19.4	375,789 R	355,543	5.7						
Consumer/Institutional	N.R.2	N.R.2		N.R.2	N.R.2							
All Other	65,081	82,189	-20.8	958,615 R	1,102,982	-13.1						
STYRENE BASED LATEXES, TOTAL ***	73,241	73,180	0.1	1,028,077	994,718	3.4	74,614	74,757	-0.2	994,056	956,311	3.9
Paper Treating	2,111	1,811	16.6	28,372	29,584	-4.1						
Textile Treating	760	694	9.5	11,082	11,343	-2.3						
Carpet Backing	28,162	26,466	6.4	382,736	379,156	0.9						
All Other Uses (Incl. Exports & Paper Coating)	42,208	44,209	-4.5	605,887	574,635	5.4						
NYLON RESINS, TOTAL (6)	41,271	50,539	-18.3	580,486	574,346	1.1	N/A	N/A		N/A	N/A	
Total Imports							N/A	N/A		N/A	N/A	
Total Exports	5,684	8,285	-31.4	77,328	79,466	-2.7						
Total Domestic	35,587	42,254	-15.8	503,158	494,880	1.7	41,262	51,349	-19.6	561,306	566,023	-0.8
Injection Molding Grade	22,030	25,797	-14.6	303,162	292,640	3.6						
Extrusion Grade	10,059	10,919	-7.9	148,402	148,225	0.1						
Resellers and Compounders	2,780	4,948	-43.8	37,767	39,544	-4.5						
All Other Uses	718	590	21.7	13,827	14,471	-4.5						

N.R.1 = Not Reported: Included in Total Domestic and in All Other.

N.R.2 = Not Reported: Included in All Other.

*** = Styrene Based Latexes sales include some Canadian produced material.

(6) = Includes Sales from Imports.

N/A = Not Available.
R = Revision.

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin Content)	625,555	688,793	-9.2	8,469,818	8,286,725	2.2	616,775	702,433	-12.2	8,487,726	8,350,067	1.6
Homopolymer Resins Including Blending & Latex	566,651	630,646	-10.1	7,742,075	7,597,421	1.9	549,331	635,187	-13.5	7,744,696 R	7,654,301	1.2
Copolymer Resins Including Blending & Latex	17,196	18,295	-6.0	217,891	213,186	2.2	23,248	20,821	11.7	226,767 R	215,315	5.3
Dispersion	41,708	39,852	4.7	509,852	476,118	7.1	44,196	46,425	-4.8	516,263	480,451	7.5
Total Exports	91,130	56,248	62.0	913,123	516,510	76.8						
Total Domestic	534,425	632,545	-15.5	7,556,695	7,770,215	-2.7						
Calendering, Total	67,466	71,198	-5.2	910,155	856,459	6.3						
Flooring	18,641	16,171	15.3	219,586	204,683	7.3						
Textile	7,247	11,756	-38.4	115,565	128,400	-10.1						
All Other Calendering Uses	41,578	43,271	-3.9	575,004	523,260	9.9						
Coating, Total	26,324	29,078	-9.5	360,226	370,100	-2.7						
Flooring	11,236	11,878	-5.4	152,796	155,663	-1.8						
Textile & Paper Coating	8,445	9,238	-8.6	106,015	108,128	-2.0						
Protective Coating	3,673	4,097	-10.3	50,868	54,879	-7.3						
Adhesives & All Other Coating Uses	2,970	3,865	-23.2	50,547	51,430	-1.7						
Extrusion, Total	345,046	428,123	-19.4	5,042,851	5,248,164	-3.9						
Wire & Cable	28,704	36,663	-21.7	391,569	432,963	-9.6						
Film & Sheet, Packaging	22,561	28,602	-21.1	337,083	335,239	0.6						
Film & Sheet, Non-Packaging	1,831	3,545	-48.3	47,581	42,958	10.8						
Siding & Access., & Mobile Home Skirts	52,719	50,866	3.6	768,707	691,151	11.2						
Rigid Pipe & Tubing (Except Fittings)	203,100	267,897	-24.2	2,948,271	3,216,830	-8.3						
All Other Extrusions	36,131	40,550	-10.9	549,640	529,023	3.9						
Molding, Total	35,423	38,602	-8.2	516,740	544,131	-5.0						
Bottles	14,371	16,683	-13.9	215,959	214,869	0.5						
Fittings (Rigid Pipe & Tubing)	9,970	9,798	1.8	146,222	164,866	-11.3						
All Other Molding	11,082	12,121	-8.6	154,559	164,396	-6.0						
Paste Processes (Except Coating)	11,636	15,044	-22.7	173,660	167,671	3.6						
Plastisol Formulation	6,211	7,723	-19.6	93,766	86,653	8.2						
All Other	5,425	7,321	-25.9	79,894	81,018	-1.4						
Resellers and Compounders	24,276	34,381	-29.4	316,877	383,999	-17.5						
All Other Uses	24,254	16,119	50.5	236,186	199,691	18.3						

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS
DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
VINYL ACETATE MONOMER (2) FOR POLYVINYL ACETATE, TOTAL												
Total Exports												
Total Domestic												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
Total Exports	D	D		D	D							
Total Domestic	D	D		D	D							
OTHER VINYL RESINS, TOTAL (4)	17,601	16,945	3.9	200,527	208,059	-3.6	17,439	19,139	-8.9	219,873	221,693	-0.8
Total Exports	5,386	5,286	1.9	70,569	65,881	7.1						
Total Domestic	12,215	11,659	4.8	129,958	142,178	-8.6						
THERMOPLASTIC POLYESTER, TOTAL (6)	148,308	137,261	8.0	1,707,339	1,642,762	3.9	144,864	129,134	12.2	1,630,060	1,651,853	-1.3
Total Exports	19,029	18,429	3.3	285,800	228,838	24.9						
Total Domestic	129,279	118,832	8.8	1,421,539	1,413,924	0.5						
PET Bottle Grades	91,118	73,361	24.2	958,264	942,353	1.7						
All Other Thermoplastic Polyester (5)	38,161	45,471	-16.1	463,275	471,571	-1.8						

(2) = The publishing of PVAC data has been suspended.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(5) = Includes all other PET and all injection molding grades.

(6) = 1989 Data Includes Sales from Imports.

D = Disclosure.
N/A = Not Available.

PAGE 11

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	H D P E	P P	A B S	S A N	P S	S B L	OTHER S B P	N Y L O N	P V C	P V A C	P V O H	O V T H N E Y R L	T P Y
ADVANCE COATING COMPANY		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL COMPANY							PDE							PDE					PDE
ALLIED-BENDIX CORPORATION					PD														
ALPHA CHEMICAL CORPORATION		PD																	
AMERICAN CYNAMID COMPANY				PDE															
AMERICAN HOECHST				PD	PD		PDE												PDE
AMERICAN POLYMERS, INC.											PD								
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION								PDE			PDE								
ANDERSON DEVELOPMENT COMPANY													PD						
ARCO CHEMICAL CORPORATION											PDE		PDE						
ARISTECH CHEMICAL COMPANY		PDE						PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD														
ATOCHEM														PDE					
BASF CORPORATION									PDE		PDE		PD	PDE I					PDE
BASF CORPORATION												PD							
BASF COATINGS & COLORINGS, INMONT DIV.		PD			PD														
BELDING CHEMICAL INDUSTRIES														PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD										PDE				

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	E P O X Y	P Y	U R E A	M E L A	P H E N	L D P E	H D P E	P P	A B S	S A N	P S	S B L	OTHER S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N E Y R L	T P Y
BTL CORPORATION			PDE	PDE	PDE														
CAIN CHEMICAL COMPANY							PDE												
CELANESE CHEMICAL COMPANY																D			
CERTAINTED PRODUCTS CORPORATION															PD				
CHEMBOND CORPORATION			PD	PD	PD														
CHEVRON CHEMICAL CORPORATION						PDE	PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.																			
DAN RIVER																			
DART CONTAINER											PD								
GENCORP												PD							
DOW CHEMICAL USA	PDE	PDE				PDEI	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
DUPONT CANADA						DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDE								PDEI			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EMSER INDUSTRIES														PDEI					
ESSO CHEMICAL CORPORATION						DI													
EXXON CHEMICAL AMERICAS						PDEI	PDE	PDE											
FINA OIL & CHEMICAL CORPORATION								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
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COMPANY	RESIN CATEGORY																		
	E P O X Y	P Y	U R E A	M E L A	P H E N	L D P E	H D P E	P P	A B S	S A N	P S	S B L	OTHER S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N E Y R L	T P V
FORMICA CORPORATION				PD	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
GENERAL ELECTRIC PLASTICS COMPANY									PDE	PD			PD						PDE
GENESIS POLYMERS								PDE											
GEORGIA-GULF CORPORATION															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS & RESINS		PD																	
B. F. GOODRICH CHEMICAL COMPANY										PDE					PDE				
GOODYEAR CHEMICAL DIVISION												PDE	PDE		PDE				PDE
W. R. GRACE & COMPANY									PD							D		PDE	
GRIFFTEX CHEMICAL COMPANY			PD	PD															
GUARDSMAN																			
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.							PDE	PDE											
HOECHST-CELANESE ENGINEERING RESINS														PDE					PDE
HUNTSMAN CHEMICAL CORPORATION								PDE			PDE								
HYTEK	PDE		PD	PD															
ICI AMERICAS, INC.																			PD
INTERPLASTICS CORPORATION		PD																	
TRONSIDES COMPANY					PD														

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	E P O X Y	P Y	U R E A	M E L A	P H E N	L D P E	H D P E	P P	A B S	S A N	P S	S B L	OTHER S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N E Y R L	T P Y
KEYSOR-CENTURY CORPORATION															PD				
MASONITE CORPORATION					PD														
MOBAY CORPORATION														DEI					
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PD	PD					PDE	PDE			PD	PDE		DE		PDE	
MORTON INDUSTRIES												PDE	PD					PDE	
NOVA CORPORATION						DI													
NYLON CORPORATION OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORPORATION					PDE										PDE				
OWENS-CORNING FIBERGLASS		PDE			PD														
PERKINS INDUSTRIES																			
PERSTORP COMPOUNDS, INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY						PDE	PDE	PDE											
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
NOVA PLASTICS, INC.											PDE								
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE								D			
RAYTECH INDUSTRIES, INC.																			
REICHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PDE				DE			
REXENE CORPORATION						PDE		PDE											

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	E P O X Y	P Y	U R E A	M E L A	P H E N	L D P E	H D P E	P P	A B S	S A N	P S	S B L	OTHER S B P	N Y L O N	P V C	P V A C	P V O H	O V E R H E Y R L	T P Y
ROGERS CORPORATION	PDE				PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SCOTT POLYMERS											PD								
SEQUA CHEMICAL																	DE		
SHAKESPEARE COMPANY														PDE					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHEREX POLYMERS		PD																	
SHINTECH, INC.																PDE			
SILMAR		PDE																	
SOLTEX POLYMERS						PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PD	PD	PD	PD														
UNION CARBIDE CORPORATION	PDE				PDE	PDEI	PDE												
UNION CHEMICAL												PD				D		PD	
VALCHEM			PD		PD														
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VISTA CHEMICAL COMPANY																PDE			
VYGEN CORPORATION																PDE			
WELLMAN, INC.														PDE					
WEST LAKE POLYMERS						PDE													

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

NOVEMBER 1989

RESIN KIND	NOVEMBER				YEAR-TO-DATE				
	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	IMPORT % OF APPARENT CONSUMPTION
EPOXY RESIN, TOTAL	45.6	1.0	5.3	41.3	474.3	12.3	77.3	409.3	3.0
POLYESTER (UNSATURATED) RESINS, TOTAL	100.5	0.2	5.1	95.6	1,241.3	5.7	86.6	1,160.4	0.5
UREA RESINS, TOTAL	124.3	1.1	0.8	124.6	1,348.7 R	23.5	13.9	1,358.3	1.7
MELAMINE RESINS, TOTAL	17.6	0.7	0.9	17.4	212.1	5.2	11.5	205.8	2.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	226.1	3.7	4.9	224.9	2,640.5 R	36.2	60.6	2,616.1	1.4
THERMOSETTING RESINS, TOTAL	514.1	6.7	17.0	503.8	5,499.9 R	82.9	249.9	5,749.9	1.4
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	825.0	97.6	86.1	836.5	8,936.9	819.2	942.5	8,813.6	9.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	675.6	11.7	94.6	592.7	7,523.6	97.6	1,048.3	6,572.9	1.5
POLYPROPYLENE, TOTAL	577.1	2.3	137.3	442.1	6,762.3	44.6	1,283.3	5,523.6	0.8
ABS RESINS, TOTAL (ACRYLONITRILE-BUTADIENE-STYRENE)	71.3	5.6	10.1	66.8	1,175.3 R	62.4	114.5	1,123.2	5.6
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	6.3	0.7	2.8	4.2	104.7	5.9	73.2	37.4	15.8
OTHER STYRENICS	96.0	2.2	10.2	88.0	1,047.6	21.6	169.2	900.0	2.4
POLYSTYRENE RESINS, TOTAL	431.2	4.0	24.8	410.4	4,783.6	58.0	304.0	4,537.6	1.3
NYLON RESINS	42.9	5.0	9.4	38.5	520.0 R	53.3	160.3	413.0	12.9
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	740.3	3.2	82.9	660.6	7,871.0	50.9	713.3	7,208.6	0.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL	127.7	2.4	25.1	105.0	1,485.2 R	37.3	320.8	1,201.7	3.1
THERMOPLASTIC RESINS, TOTAL	3,593.4	134.7	483.3	3,244.8	40,210.2 R	1,250.8	5,129.4	36,331.6	3.4
GRAND TOTAL	4,107.5	141.4	500.3	3,748.6	46,127.1 R	1,333.7	5,379.3	42,081.5	3.2

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH data is temporarily suspended.

N/A = Not Available. The publishing of PVAc and Other Vinyl resins is temporarily suspended.

D = Disclosure

R = Revision

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

Sources: Production - SPI Monthly Statistical Report

Imports - Bureau of the Census (IM 145)

Exports - Bureau of the Census (EM 545)

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.



Monthly Statistical Report-Resins

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FOR THE MONTH AND PERIOD ENDED

JANUARY 31, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

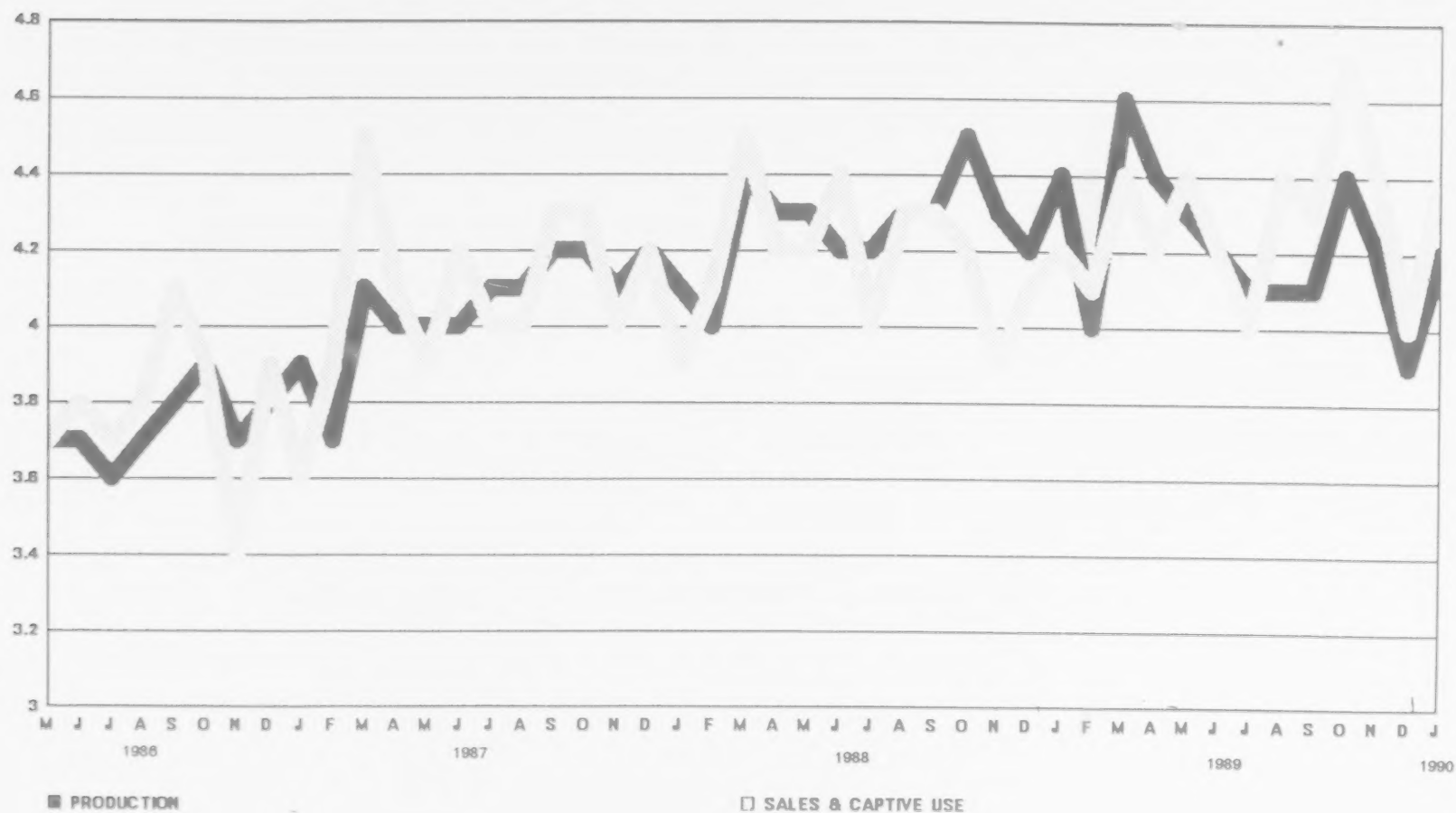
Release Date: April 16, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

JANUARY 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

JANUARY 1990

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	38,189	41,610	-8.2	38,189	41,610	-8.2	34,840	45,774	-23.9	34,840	45,774	-23.9
POLYESTER (UNSATURATED) RESINS, TOTAL	108,407	112,903	-4.0	108,407	112,903	-4.0	109,939	111,547	-1.4	109,939	111,547	-1.4
UREA RESINS, TOTAL	124,473	108,066	15.2	124,473	108,066	15.2	124,149	108,026	14.9	124,149	108,026	14.9
MELAMINE RESINS, TOTAL	12,970	19,058	-31.9	12,970	19,058	-31.9	14,808	20,072	-26.2	14,808	20,072	-26.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	253,522	244,014	3.9	253,522	244,014	3.9	254,019	245,315	3.5	254,019	245,315	3.5
THERMOSETTING RESINS, TOTAL	537,561	525,651	2.3	537,561	525,651	2.3	537,755	530,734	1.3	537,755	530,734	1.3
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	586,366	576,567	1.7	586,366	576,567	1.7	582,988	644,435	-9.5	582,988	644,435	-9.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	329,643	302,100	9.1	329,643	302,100	9.1	276,576	279,851	-1.2	276,576	279,851	-1.2
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	660,562	620,222	6.5	660,562	620,222	6.5	637,469	682,201	-6.6	637,469	682,201	-6.6
POLYPROPYLENE, TOTAL	704,163	591,733	19.0	704,163	591,733	19.0	669,774	604,390	10.8	669,774	604,390	10.8
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	94,666	123,375	-23.3	94,666	123,375	-23.3	92,164	131,311	-29.8	92,164	131,311	-29.8
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,219	8,235	24.1	10,219	8,235	24.1	10,395	10,368	0.3	10,395	10,368	0.3
POLYSTYRENE RESINS, TOTAL	464,354	438,074	6.0	464,354	438,074	6.0	414,610	404,760	2.4	414,610	404,760	2.4
STYRENE BASED LATEXES, TOTAL ***	87,719	86,229	1.7	87,719	86,229	1.7	86,919	81,439	6.7	86,919	81,439	6.7
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,997	14,917	-12.9	12,997	14,917	-12.9	13,213	13,576	-2.7	13,213	13,576	-2.7
NYLON RESINS (6)	44,081	49,849	-11.6	44,081	49,849	-11.6	46,686	50,368	-7.3	46,686	50,368	-7.3
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	744,198	697,739	6.7	744,198	697,739	6.7	721,184	703,567	2.5	721,184	703,567	2.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,455	19,367	-9.9	17,455	19,367	-9.9	20,529	21,561	-4.8	20,529	21,561	-4.8
THERMOPLASTIC POLYESTER, TOTAL (6)	142,451	137,895	3.3	142,451	137,895	3.3	137,569	131,113	4.9	137,569	131,113	4.9
THERMOPLASTIC RESINS, TOTAL	3,898,874	3,666,302	6.3	3,898,874	3,666,302	6.3	3,710,076	3,758,940	-1.3	3,710,076	3,758,940	-1.3
GRAND TOTAL	4,436,435	4,191,953	5.8	4,436,435	4,191,953	5.8	4,247,831	4,289,674	-1.0	4,247,831	4,289,674	-1.0

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure

(3) = The publishing of PVCH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene

(6) = Data includes Sales from Imports.

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

DECEMBER 1989

RESIN KIND	DECEMBER				YEAR-TO-DATE				
	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	IMPORT % OF APPARENT CONSUMPTION
EPOXY RESIN, TOTAL	35.1	1.1	8.7	27.5	509.4	13.4	86.0	436.8	3.1
POLYESTER (UNSATURATED) RESINS, TOTAL	85.3	0.5	6.1	79.7	1,319.4	6.5	92.7	1,233.2	0.5
UREA RESINS, TOTAL	120.0	0.9	1.1	119.8	1,476.4	24.4	15.0	1,485.8	1.6
MELAMINE RESINS, TOTAL	16.8	0.2	0.7	16.3	222.4	5.4	12.2	215.6	2.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	221.2	3.4	4.6	220.0	2,879.1	39.7	65.2	2,853.6	1.4
THERMOSETTING RESINS, TOTAL	478.4	6.1	21.2	463.3	6,406.7	89.4	271.1	6,225.0	1.4
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	804.3	70.0	95.6	778.7	9,694.9	889.1	1,038.1	9,545.9	9.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	580.3	27.1	82.0	525.4	8,102.1	124.7	1,130.3	7,096.5	1.8
POLYPROPYLENE, TOTAL	588.1	4.3	130.1	462.3	7,238.0	48.9	1,413.4	5,873.5	0.8
ABS RESINS, TOTAL									
(ACRYLONITRILE-BUTADIENE-STYRENE)	86.7	4.7	9.1	82.3	1,260.5	67.1	123.6	1,204.0	5.6
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	7.9	0.3	3.1	5.1	112.7	6.1	76.3	42.5	14.4
OTHER STYRENICS	85.6	1.8	9.5	77.9	1,134.5	21.6	178.7	977.4	2.2
POLYSTYRENE RESINS, TOTAL	401.8	4.7	26.1	380.4	5,103.6	62.7	330.0	4,836.3	1.3
NYLON RESINS	42.4	5.2	9.0	38.6	568.6	58.5	169.3	457.8	12.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL									
(Dry Resin content)	613.8	3.8	89.5	528.1	8,477.6	54.7	802.9	7,729.4	0.7
VINYL ACETATE MONOMER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FOR POLYVINYL ACETATE, TOTAL (3)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POLYVINYL ALCOHOL, TOTAL (4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL	144.9	2.7	21.2	126.4	1,630.0	45.7	342.0	1,333.7	3.4
THERMOPLASTIC RESINS, TOTAL	3,355.8	124.6	475.2	3,005.2	43,322.5	1,379.1	5,604.6	39,097.0	3.5
GRAND TOTAL	3,834.2	130.7	496.4	3,468.5	49,729.2	1,468.5	5,875.7	45,322.0	3.2

(1) = Except phenolic resins which are reported on a gross weight basis.

(3) = The publishing of PVAC data has been suspended.

(4) = The publishing of PVOH data has been suspended.

D = Disclosure

Sources: Production - SPI Monthly Statistical Report
Imports - Bureau of the Census (IM 145)
Exports - Bureau of the Census (EM 545)

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	38,189	41,610	-8.2	38,189	41,610	-8.2	34,840	45,774	-23.9	34,840	45,774	-23.9
Exports, Total	6,661	6,146	8.4	6,661	6,146	8.4						
Captive Use, Total	1,512	1,109	36.3	1,512	1,109	36.3						
Domestic Sales, Total	30,016	34,355	-12.6	30,016	34,355	-12.6						
Domestic Sales & Captive Use, Total	31,528	35,464	-11.1	31,528	35,464	-11.1						
Bonding & Adhesives	2,146	2,168	-1.0	2,146	2,168	-1.0						
Flooring, Paving & Exposed Aggregate	2,043	2,099	-2.7	2,043	2,099	-2.7						
Protective Coatings	15,002	16,619	-9.7	15,002	16,619	-9.7						
Fiber Reinforced Laminates & Composites	6,856	8,904	-23.0	6,856	8,904	-23.0						
FRL&C for Printed Wiring Board	4,607	6,774	-32.0	4,607	6,774	-32.0						
All Other FRL&C	2,249	2,130	5.6	2,249	2,130	5.6						
Tooling, Casting & Molded Resins	1,969	2,758	-28.6	1,969	2,758	-28.6						
All Other Uses	3,512	2,916	20.4	3,512	2,916	20.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	108,407	112,903	-4.0	108,407	112,903	-4.0	109,939	111,547	-1.4	109,939	111,547	-1.4
Total Exports	1,346	1,675	-19.6	1,346	1,675	-19.6						
Total Domestic	107,061	111,228	-3.7	107,061	111,228	-3.7						
General Purpose Resins, Total	92,805	96,153	-3.5	92,805	96,153	-3.5						
General Purpose - Thixotropic	36,076	43,881	-17.8	36,076	43,881	-17.8						
General Purpose - Press Molding	11,593	11,227	3.3	11,593	11,227	3.3						
General Purpose - Panel	7,819	N/A		7,819	N/A							
General Purpose - All Other	37,317	41,045	-9.1	37,317	41,045	-9.1						
Flame Retardant Resins	1,996	1,874	6.5	1,996	1,874	6.5						
Chemical Resistant Resins, Total	12,260	13,201	-7.1	12,260	13,201	-7.1						
Chemical Resistant Isophthalic Resins	8,689	10,360	-16.1	8,689	10,360	-16.1						
All Other Chemical Resistant Resins	3,571	2,841	25.7	3,571	2,841	25.7						
Reinforced Plastic, Total	78,935	85,251	-7.4	78,935	85,251	-7.4						
Non-Reinforced Plastics, Total	28,126	25,977	8.3	28,126	25,977	8.3						

N/A = Not Available

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	124,473	108,066	15.2	124,473	108,066	15.2	124,149	108,026	14.9	124,149	108,026	14.9
MELAMINE RESINS, TOTAL	12,970	19,058	-31.9	12,970	19,058	-31.9	14,808	20,072	-26.2	14,808	20,072	-26.2
UREA & MELAMINE RESINS, TOTAL	137,443	127,124	8.1	137,443	127,124	8.1	138,957	128,098	8.5	138,957	128,098	8.5
Total Exports	D1	D1		D1	D1							
Total Domestic	137,443	127,124	8.1	137,443	127,124	8.1						
Textile Coating & Treating Resins	2,099	2,279	-7.9	2,099	2,279	-7.9	2,218	2,236	-0.8	2,218	2,236	-0.8
Paper Coating & Treating Resins	3,603	4,320	-16.6	3,603	4,320	-16.6	3,666	4,726	-22.4	3,666	4,726	-22.4
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	110,237	101,580	8.5	110,237	101,580	8.5	110,097	100,763	9.3	110,097	100,763	9.3
Laminating	2,626	11,660	-77.5	2,626	11,660	-77.5	2,689	10,941	-75.4	2,689	10,941	-75.4
Plywood	4,802	3,507	36.9	4,802	3,507	36.9	4,682	3,654	28.1	4,682	3,654	28.1
Fibrous & Granulated Wood (Particle Board)	102,809	86,413	19.0	102,809	86,413	19.0	102,726	86,168	19.2	102,726	86,168	19.2
Protective Coatings (Straight & Modified)	7,532	10,705	-29.6	7,532	10,705	-29.6	10,083	12,736	-20.8	10,083	12,736	-20.8
All Other Uses	13,972	8,240	69.6	13,972	8,240	69.6	12,893	7,637	68.8	12,893	7,637	68.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	253,522	244,014	3.9	253,522	244,014	3.9	254,019	245,315	3.5	254,019	245,315	3.5
Total Exports	1,251	1,192	4.9	1,251	1,192	4.9						
Total Domestic	252,271	242,822	3.9	252,271	242,822	3.9						
Molding Compounds	12,573	15,274	-17.7	12,573	15,274	-17.7	13,615	16,204	-16.0	13,615	16,204	-16.0
Bonding & Adhesive Resins for:	236,761	222,394	6.5	236,761	222,394	6.5	236,803	223,113	6.1	236,803	223,113	6.1
Laminating	15,741	18,415	-14.5	15,741	18,415	-14.5	15,708	18,615	-15.6	15,708	18,615	-15.6
Coated & Bonded Abrasives	2,177	1,908	14.1	2,177	1,908	14.1	1,866	1,911	-2.4	1,866	1,911	-2.4
Friction Materials	3,535	2,408	46.8	3,535	2,408	46.8	4,209	2,273	85.2	4,209	2,273	85.2
Insulation Materials	32,334	38,543	-16.1	32,334	38,543	-16.1	32,083	39,145	-18.0	32,083	39,145	-18.0
Foundry & Shell Molding	5,804	3,592	61.6	5,804	3,592	61.6	5,561	3,742	48.6	5,561	3,742	48.6
Plywood	N R 5	117,652		N R 5	117,652		N R 5	117,244		N R 5	117,244	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	436		D3	436		D3	682		D3	682	
All Other	177,170	39,440	N/C	177,170	39,440	N/C	177,376	39,501	N/C	177,376	39,501	N/C
Protective Coatings - Unmodified & Modified	D2	1,133		D2	1,133		D2	1,140		D2	1,140	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	2,937	4,021	N/C	2,937	4,021	N/C	3,601	4,858	N/C	3,601	4,858	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.

D2 = Disclosure: Included in All Other Uses.

D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

N R 5 = Not Reported: Included in All Other Bonding & Adhesive Resins.

(1) - Phenolic is on a Gross Weight Basis

RESIN	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL	586,366	576,567	1.7	586,366	576,567	1.7	596,144	651,931	-8.6	596,144	651,931	-8.6
Imports, Total							13,156	7,496	75.5	13,156	7,496	75.5
Exports, Total	74,954	66,806	12.2	74,954	66,806	12.2						
Domestic, Total	511,412	509,761	0.3	511,412	509,761	0.3	582,988	644,435	-9.5	582,988	644,435	-9.5
Film (12 Mils & Below)	293,435	287,604	2.0	293,435	287,604	2.0						
Packaging Film	199,519	188,259	6.0	199,519	188,259	6.0						
Food Packaging Film	104,520	92,403	13.1	104,520	92,403	13.1						
Non-Food Packaging Film	69,765	75,861	-8.0	69,765	75,861	-8.0						
Shrink Film	13,733	D10		13,733	D10							
Stretch Film	11,501	19,995	N/C	11,501	19,995	N/C						
Non-Packaging Film	93,916	99,345	-5.5	93,916	99,345	-5.5						
Carry-Out Bags	6,832	12,143	-43.7	6,832	12,143	-43.7						
Trash and Can Liners	29,040	37,020	-21.6	29,040	37,020	-21.6						
Other Non-Packaging Film	58,044	50,182	15.7	58,044	50,182	15.7						
Sheet (Over 12 Mils)	5,011	7,930	-36.8	5,011	7,930	-36.8						
Injection Molding	29,801	32,448	-8.2	29,801	32,448	-8.2						
Injection Molded Lids	6,760	4,184	61.6	6,760	4,184	61.6						
Injection Molded Housewares	4,449	4,671	-4.8	4,449	4,671	-4.8						
Other Injection Molding	18,592	23,593	-21.2	18,592	23,593	-21.2						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	66,498	D5		66,498	D5							
Blow Molding	5,461	5,575	-2.0	5,461	5,575	-2.0						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	29,684	93,817	N/C	29,684	93,817	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	45,940	34,485	33.2	45,940	34,485	33.2						
Resellers	30,629	24,365	25.7	27,617	24,365	13.3						
Compounders	15,311	10,120	51.3	18,323	10,120	81.1						
Adhesives and Sealants	9,130	D2		9,130	D2							
All Other Uses	26,452	47,902	N/C	26,452	47,902	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

D - Disclosure

R - Revision

PAGE 7

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL	329,643	302,100	9.1	329,643	302,100	9.1	328,191	341,642	-3.9	328,191	341,642	-3.9
Imports, Total							51,615	61,791	-16.5	51,615	61,791	-16.5
Exports, Total	15,780	8,225	91.9	15,780	8,225	91.9						
Domestic, Total	313,863	293,875	6.8	313,863	293,875	6.8	276,576	279,851	-1.2	276,576	279,851	-1.2
Film (12 Mils & Below)	201,884	202,922	-0.5	201,884	202,922	-0.5						
Packaging Film	95,494	93,538	2.1	95,494	93,538	2.1						
Food Packaging Film	16,197	18,053	-10.3	16,197	18,053	-10.3						
Non-Food Packaging Film	52,269	51,461	1.6	52,269	51,461	1.6						
Shrink Film	D10	D10		D10	D10							
Stretch Film	27,028	24,024	12.5	27,028	24,024	12.5						
Non-Packaging Film	106,390	109,384	-2.7	106,390	109,384	-2.7						
Carry-Out Bags	19,463	20,845	-6.6	19,463	20,845	-6.6						
Trash and Can Liners	67,676	59,189	14.3	67,676	59,189	14.3						
Other Non-Packaging Film	19,251	29,350	-34.4	19,251	29,350	-34.4						
Sheet (Over 12 Mils)	860	928	-7.3	860	928	-7.3						
Injection Molding	35,409	28,241	25.4	35,409	28,241	25.4						
Injection Molded Lids	13,645	13,057	4.5	13,645	13,057	4.5						
Injection Molded Housewares	12,793	9,332	37.1	12,793	9,332	37.1						
Other Injection Molding	8,971	5,852	53.3	8,971	5,852	53.3						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	2,100	1,013	107.3	2,100	1,013	107.3						
Pipe and Conduit, Total	3,901	D5		3,901	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	14,952	19,959	N/C	14,952	19,959	N/C						
Rotomolding	24,754	D2		24,754	D2							
Resellers & Compounders, Total	19,207	11,035	74.1	19,207	11,035	74.1						
Resellers	12,270	7,500	63.6	12,270	7,500	63.6						
Compounders	6,937	3,535	96.2	6,937	3,535	96.2						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	10,796	29,777	N/C	10,796	29,777	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

D = Disclosure

R = Revision

Page 8

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940, TOTAL	660,562	620,222	6.5	660,562	620,222	6.5	637,469	682,201	-6.6	637,469	682,201	-6.6
Exports, Total	67,655	47,558	42.3	67,655	47,558	42.3						
Domestic, Total	592,907	572,664	3.5	592,907	572,664	3.5						
Film (12 Mils & Below)	64,776	64,353	0.7	64,776	64,353	0.7						
Packaging Film	21,997	14,578	50.9	21,997	14,578	50.9						
Food Packaging Film	10,107	9,850	2.6	10,107	9,850	2.6						
Non-Food Packaging Film	11,890	4,726	151.6	11,890	4,726	151.6						
Non-Packaging Film	42,779	49,777	-14.1	42,779	49,777	-14.1						
Retail Bags	31,151	24,711	F	31,151	24,711	N/A						
Grocery Sacks & T-Shirt Bags	17,874	N/A		17,874	N/A							
All Other Retail Bags	4,064	N/A		4,064	N/A							
Trash Bags/Can Liners	9,213	D9		9,213	D9							
All Other Non-Packaging Film	11,628	25,066	N/A	11,628	25,066	N/A						
Sheet (Over 12 Mils)	35,883	26,843	33.7	35,883	26,843	33.7						
Injection Molding, Total	114,462	110,597	3.5	114,462	110,597	3.5						
Pails (5 gallons or less)	28,956	32,289	-10.3	28,956	32,289	-10.3						
Housewares	7,634	6,594	15.8	7,634	6,594	15.8						
Food Tubs/Containers & Drink Cups	24,870	19,940	24.7	24,870	19,940	24.7						
Crates and Totes	13,884	9,423	47.3	13,884	9,423	47.3						
Toys/Novelties/Sporting Goods	4,854	N/A		4,854	N/A							
Caps and Closures	9,132	N/A		9,132	N/A							
All Other Injection Molding	25,132	42,351	N/A	25,132	42,351	N/A						
Wire and Cable	12,666	13,682	-7.4	12,666	13,682	-7.4						
Blow Molding, Total	253,609	239,915	5.7	253,609	239,915	5.7						
Motor Oil Bottles	24,278	12,552	93.4	24,278	12,552	93.4						
Liquid Food Bottles	82,124	75,100	9.4	82,124	75,100	9.4						
Household Chemical Bottles	76,525	73,149	4.6	76,525	73,149	4.6						
Industrial Drums	12,243	21,476	G	12,243	21,476	N/A						
Gas Tanks, All Uses	3,095	N/A		3,095	N/A							
Pharm., Cosmetics, & Toiletries	20,810	N/A		20,810	N/A							
All Other Blow Molding	34,534	57,638	N/A	34,534	N/A	N/A						
Pipe and Conduit, Total	24,726	33,950	-27.2	24,726	33,950	-27.2						
Corrugated	6,212	4,758	30.6	6,212	4,758	30.6						
Non-Corrugated	18,514	29,192	-36.6	18,514	29,192	-36.6						
Gas Distribution	7,441	N/A		7,441	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	11,073	N/A		11,073	N/A							
Other Extruded Products	7,181	8,121	-11.6	7,181	8,121	-11.6						
Rotomolding	6,847	5,260	30.2	6,847	5,260	30.2						
Reseller & Compounders, Total	56,521	50,626	11.6	56,521	50,626	11.6						
Resellers	54,418	44,173	23.2	54,418	44,173	23.2						
Compounders	2,103	6,453	-67.4	2,103	6,453	-67.4						
All Other HDPE	16,236	19,317	-15.9	16,236	19,317	-15.9						

D9 = Disclosure: Included in Other Non-Packaging Film.

D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

N/A = Not Available.

F = Reported as Carry Out Bags in 1989.

G = Reported as Large Containers in 1989.

N/A = Not Available.

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	704,163	591,733	19.0	704,163	591,733	19.0	669,774	604,390	10.8	669,774	604,390	10.8
Exports, Total	154,573	86,959	77.8	154,573	86,959	77.8						
Domestic, Total	549,590	504,774	8.9	549,590	504,774	8.9						
Injection Molding, Total	157,999	151,059	4.6	157,999	151,059	4.6						
Appliances	14,504	12,340	17.5	14,504	12,340	17.5						
Consumer Products	48,483	45,113	7.5	48,483	45,113	7.5						
Rigid Packaging	55,706	50,527	10.2	55,706	50,527	10.2						
Transportation	22,602	28,649	-21.1	22,602	28,649	-21.1						
All Other Injection Molding	16,704	14,430	15.8	16,704	14,430	15.8						
Blow Molding	11,424	11,125	2.7	11,424	11,125	2.7						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	49,081	50,041	-1.9	49,081	50,041	-1.9						
Oriented Film	37,644	38,288	-1.7	37,644	38,288	-1.7						
Non-Oriented Film	11,437	11,753	-2.7	11,437	11,753	-2.7						
Sheet (Over 10 Mils), Total	11,249	12,867	-12.6	11,249	12,867	-12.6						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	1,126	D5		1,126	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	170,516	160,844	6.0	170,516	160,844	6.0						
Textile Applications	155,550	151,035	3.0	155,550	151,035	3.0						
Nonwovens	51,006	36,651	39.2	51,006	36,651	39.2						
Monofilament & Multifilament Fibers	48,745	66,938	-27.2	48,745	66,938	-27.2						
Slit Film Fibers	55,799	47,446	17.6	55,799	47,446	17.6						
Non-Textile Monofilaments	14,966	9,809	52.6	14,966	9,809	52.6						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	9,811	8,051	N/C	9,811	8,051	N/C						
Resellers/Distributors/Compounders, Total	133,469	108,393	23.1	133,469	108,393	23.1						
Resellers	52,879	72,467	C	52,879	72,467	N/C						
Distributors	37,858	N/A		37,858	N/A							
Compounders	42,732	35,926	18.9	42,732	35,926	18.9						
All Other Uses	4,915	2,394	105.3	4,915	2,394	105.3						

D5 = Disclosure; Included in Other Extruded Products.

D = Disclosure

C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable

N/A = Not Available

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL	464,354	438,074	6.0	464,354	438,074	6.0	414,610	404,760	2.4	414,610	404,760	2.4
Crystal (Solid) Polystyrene	246,361	239,582 A	N/C	246,361	239,582 A	N/C	158,962	232,433 A	N/C	158,962	232,433 A	N/C
Rubber Modified Polystyrene	217,993	198,492	9.8	217,993	198,492	9.8	196,952	172,327	14.3	196,952	172,327	14.3
Expandable Polystyrene	N.R. 1			N.R. 1			58,696			58,696		
Exports, Total	23,448	22,954	2.2	23,448	22,954	2.2						
Crystal (Solid) Polystyrene	12,368	11,831 A	N/C	12,368	11,831 A	N/C						
Rubber Modified Polystyrene	11,080	11,123	-0.4	11,080	11,123	-0.4						
Expandable Polystyrene	N.R. 1			N.R. 1								
Domestic, Total	440,906	415,120	6.2	440,906	415,120	6.2						
Molding	169,643	170,365	-0.4	169,643	170,365	-0.4						
Extrusion	198,605	167,497	18.6	198,605	167,497	18.6						
Expandable Polystyrene	51,588	58,362	-11.6	51,588	58,362	-11.6						
Block	16,005	23,875	-33.0	16,005	23,875	-33.0						
Shape	11,657	13,850	-15.8	11,657	13,850	-15.8						
Loose Fill	D6	D6		D6	D6							
Other EPS	23,926	20,637	15.9	23,926	20,637	15.9						
All Other Uses	21,070	18,896	11.5	21,070	18,896	11.5						
Polystyrene End-Uses, Total	440,906	415,120	6.2	440,906	415,120	6.2						
Packaging & One Time Use	171,099	149,606 B	14.4	171,099	149,606 B	14.4						
Consumer & Institutional Products	45,178	62,214	-27.4	45,178	62,214	-27.4						
Electrical/Electronics	61,598	52,017	18.4	61,598	52,017	18.4						
Furniture, Furnishings, Bldg. & Construction	32,855	25,817	27.3	32,855	25,817	27.3						
Expandable Polystyrene Beads	51,588	58,362	-11.6	51,588	58,362	-11.6						
Resellers and Compounders	52,843	38,902	35.8	52,843	38,902	35.8						
All Other End-Uses	25,745	28,202	-8.7	25,745	28,202	-8.7						

D6 = Disclosure: Included in Other EPS

N/C = Not Comparable

N.R. 1 = Not Reported: Included in Crystal(Solid) Polystyrene

A = Reported as Straight Polystyrene in 1989.

B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	94,666	123,375	-23.3	94,666	123,375	-23.3	92,164	131,311	-29.8	92,164	131,311	-29.8
SAN (STYRENE-ACRYLONITRILE), TOTAL	10,219	8,235	24.1	10,219	8,235	24.1	10,395	10,368	0.3	10,395	10,368	0.3
Total Exports	2,876	2,295	25.3	2,876	2,295	25.3						
Total Domestic	7,343	5,940	23.6	7,343	5,940	23.6						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,997	14,917	-12.9	12,997	14,917	-12.9	13,213	13,576	-2.7	13,213	13,576	-2.7
ABS, SAN, & OTHER STYRENICS, TOTAL	117,882	146,527	-19.5	117,882	146,527	-19.5	115,772	155,255	-25.4	115,772	155,255	-25.4
Total Exports	N.R. 1	N.R. 1		N.R. 1	N.R. 1							
Total Domestic	117,882	146,527	-19.5	117,882	146,527	-19.5						
Electrical/Electronics	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
Building & Construction	9,136	15,207	-39.9	9,136	15,207	-39.9						
Transportation	28,864	41,402	-30.3	28,864	41,402	-30.3						
Consumer & Institutional	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
All Other Uses	79,882	89,918	-11.2	79,882	89,918	-11.2						
STYRENE BASED LATEXES, TOTAL *	87,719	86,229	1.7	87,719	86,229	1.7	86,919	81,439	6.7	86,919	81,439	6.7
Carpet Backing	30,218	30,037	0.6	30,218	30,037	0.6						
All Other Uses	57,501	56,192	E 2.3	57,501	56,192	E 2.3						
NYLON RESINS, TOTAL (6)	44,081	49,849	-11.6	44,081	49,849	-11.6	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	6,310	6,203	1.7	6,310	6,203	1.7						
Domestic, Total	37,771	43,646	-13.5	37,771	43,646	-13.5	46,686	50,368	-7.3	46,686	50,368	-7.3
Injection Molding Grade	21,530	24,525	-12.2	21,530	24,525	-12.2						
Extrusion Grade	12,430	13,886	-10.5	12,430	13,886	-10.5						
Resellers & Compounders	3,162	3,885	-18.6	3,162	3,885	-18.6						
All Other Uses	649	1,350	-51.9	649	1,350	-51.9						
Nylon End-Uses, Total	37,771	43,646	-13.5	37,771	43,646	-13.5						
Automotive and Truck	11,786	N/A		11,786	N/A							
Electrical and Electronic	4,552	N/A		4,552	N/A							
Appliances	879	N/A		879	N/A							
Film and Coating	5,820	N/A		5,820	N/A							
Wire and Cable	2,971	N/A		2,971	N/A							
Monofilament	1,858	N/A		1,858	N/A							
Consumer	1,648	N/A		1,648	N/A							
Industrial/Machinery	3,747	N/A		3,747	N/A							
All Other End-Uses	4,510	N/A		4,510	N/A							

N.R. 1 - Not Reported, Included in Total Domestic and All Other.

N.R. 2 - Not Reported, Included in All Other Uses.

* - Styrene Based Latexes Sales include some Canadian produced material.

E - Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.

R = Revision

D = Disclosure

N/A = Not Available

(6) - Includes sales from imports

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PAGE 12

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	744,198	697,739	6.7	744,198	697,739	6.7	721,184	703,567	2.5	721,184	703,567	2.5
Homopolymer Resins, Including Blending & Latex	693,436	643,441	7.8	693,436	643,441	7.8	659,505	646,547	2.0	659,505	646,547	2.0
Copolymer Resins, Including Blending & Latex	13,191	13,766	-4.2	13,191	13,766	-4.2	16,864	16,420	2.7	16,864	16,420	2.7
Dispersion Resins	37,571	40,532	-7.3	37,571	40,532	-7.3	44,815	40,600	10.4	44,815	40,600	10.4
Exports, Total	100,379	42,121	138.3	100,379	42,121	138.3						
Domestic, Total	643,819	655,618	-1.8	643,819	655,618	-1.8						
Calendering, Total	76,659	64,022	19.7	76,659	64,022	19.7						
Flooring	15,831	13,034	21.5	15,831	13,034	21.5						
Textile	10,055	9,264	8.5	10,055	9,264	8.5						
All Other Calendering Uses	50,773	41,724	21.7	50,773	41,724	21.7						
Coating, Total	25,305	30,273	-16.4	25,305	30,273	-16.4						
Flooring	11,166	12,234	-8.7	11,166	12,234	-8.7						
Textile and Paper Coating	6,888	8,617	-20.1	6,888	8,617	-20.1						
Protective Coatings	3,766	4,318	-12.8	3,766	4,318	-12.8						
Adhesives & All Other Coating Uses	3,485	5,104	-31.7	3,485	5,104	-31.7						
Extrusion, Total	430,409	446,392	-3.6	430,409	446,392	-3.6						
Wire and Cable	34,241	29,252	17.1	34,241	29,252	17.1						
Film and Sheet, Packaging	26,249	25,546	2.8	26,249	25,546	2.8						
Film and Sheet, Non-Packaging	3,519	6,006	-41.4	3,519	6,006	-41.4						
Siding, Siding Acc. & Mobile Home Skirting	65,774	62,805	4.7	65,774	62,805	4.7						
Rigid Pipe and Tubing (except fittings)	248,189	281,117	-11.7	248,189	281,117	-11.7						
All Other Extrusion Uses	52,437	41,666	25.9	52,437	41,666	25.9						
Molding, Total	44,941	51,300	-12.4	44,941	51,300	-12.4						
Bottles	17,526	21,057	-16.8	17,526	21,057	-16.8						
Fittings (Rigid Pipe and Tubing)	14,568	16,744	-13.0	14,568	16,744	-13.0						
All Other Molding Uses	12,847	13,499	-4.8	12,847	13,499	-4.8						
Paste Processes (except coating), Total	13,203	13,933	-5.2	13,203	13,933	-5.2						
Plastisol Formulation	7,155	7,794	-8.2	7,155	7,794	-8.2						
All Other Paste Process Uses	6,048	6,139	-1.5	6,048	6,139	-1.5						
Resellers & Compounders	28,513	31,189	-8.6	28,513	31,189	-8.6						
All Other Uses	24,789	18,509	33.9	24,789	18,509	33.9						

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	17,455	19,367	-9.9	17,455	19,367	-9.9	20,529	21,561	-4.8	20,529	21,561	-4.8
Exports, Total	6,303	6,530	-3.5	6,303	6,530	-3.5						
Domestic, Total	11,152	12,837	-13.1	11,152	12,837	-13.1						
THERMOPLASTIC POLYESTER, TOTAL (6)	142,451	137,895	3.3	142,451	137,895	3.3	137,569	131,113	4.9	137,569	131,113	4.9
Exports, Total	29,274	25,315	15.6	29,274	25,315	15.6						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	113,177	112,580	0.5	113,177	112,580	0.5						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	78,790	71,076	10.9	78,790	71,076	10.9						
PET/PBT Resellers & Compounders	N.R. 4	N/A		N.R. 4	N/A							
All Other Thermoplastic Polyester	34,387	41,504	N/C	34,387	41,504	N/C						

(2) - The publishing of PVAC data has been suspended.

(3) - The publishing of PVOH data has been suspended.

(4) - Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R. 4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED RESINS)	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSIT. POLYETHYLENE 0.940 & BELOW	LDPE
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW	LLDPE
HIGH DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENICS - over 40% styrene	OSBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAC
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Imports	I
Domestic Sales & Captive Use	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC. LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	L D P E	H D P E	P P	A B S	S A N	P S	S B L	O S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N E Y R L	T P Y
ADVANCE COATING COMPANY		PD																		
A & E PLASTICS												PDE								
AIR PRODUCTS & CHEMICALS																PDE	DE	PDE		
ALLIED CHEMICAL COMPANY								PDE							PDE					PDE
ALLIED-BENDIX CORPORATION					PD															
ALPHA CHEMICAL CORPORATION		PD																		
AMERICAN CYANAMID COMPANY				PDE																
AMERICAN HOECHST				PD	PD			PDE												PDE
AMERICAN POLYMERS, INC.												PD								
AMETEK, HAVEG DIVISION					PD															
AMOCO CHEMICAL CORPORATION									PDE			PDE								
ANDERSON DEVELOPMENT COMPANY														PD						
ARCO CHEMICAL CORPORATION												PDE		PDE						
ARISTECH CHEMICAL COMPANY		PDE							PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD															
ATOCHEM															PDE					
BASF CORPORATION										PDE	PD	PDE	PD	PD	PDE					PDE
BELDING CHEMICAL INDUSTRIES															PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD											PDE				

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	L D P E	H D P E	P P	A B S	S A N	P S	S B L	O S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N T P Y
OXYPETROCHEMICALS (CAIN CHEMICAL CO.)								PDE											
CELANESE CHEMICAL COMPANY																	D		
CERTAINTED PRODUCTS CORPORATION																PD			
NESTE CHEMICALS			PD	PD	PD														
CHEVRON CHEMICAL CORPORATION						PDE		PDE				PDE							
CIBA-GEIGY CORPORATION	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.															PD				
DART CONTAINER												PD							
GENCORP													PD						
DOW CHEMICAL USA	PDE	PDE				PDEI	PDEI	PDE		PDE	PDE	PDE	PDE	PDE					PDE
DUPONT CANADA						DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDE									PDEI			PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE			PDE										PDE
EMSER INDUSTRIES															PDEI				
ESSO CHEMICAL CORPORATION							DI												
EXXON CHEMICAL AMERICAS						PDEI	PDEI	PDE	PDE										
FINA OIL & CHEMICAL CORPORATION									PDE			PDE							
FIRESTONE SYNTHETIC RUBBER & LATEX														PD					

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC. LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	L D P E	H D P E	P P	A B S	S A N	P S	S B L	O S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N E Y R L	T P Y
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
GENERAL ELECTRIC PLASTICS COMPANY										PDE	PD			PD						PDE
GENESIS POLYMERS									PDE											
GEORGIA-GULF CORPORATION																PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD															
GLIDDEN COATINGS & RESINS		PD																		
B. F. GOODRICH CHEMICAL COMPANY										PDE						PDE				
GOODYEAR CHEMICAL DIVISION													PDE	PDE		PDE				PDE
W. R. GRACE & COMPANY										PD							D		PDE	
GRIFFTEX CHEMICAL COMPANY			PD	PD																
HARBORCHEM, INC.			PD	PD																
HIMONT USA, INC.								PDE	PDE											
HOECHST-CELANESE ENGINEERING RESINS															PDE					PDE
HUNTSMAN CHEMICAL CORPORATION									PDE			PDE								
HI-TEK	PDE		PD	PD																
ICI AMERICAS, INC.																				PD
INTERPLASTICS CORPORATION		PD																		
IRONSIDES COMPANY					PD															

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC. LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	L D P E	H D P E	P P	A B S	S A N	P S	S B L	O S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N T P Y
KEYSOR-CENTURY CORPORATION																PD			
MASONITE CORPORATION					PD														
MOBAY CORPORATION															DEI				
MOBIL CHEMICAL COMPANY						PDE	PDE	PDE				PDE							
MONSANTO COMPANY			PD	PD						PDE	PDE			PD	PDE		DE		PDE
MORTON INDUSTRIES													PDE	PD					PDE
NOVA CORPORATION						DI	DI												
NYLON CORPORATION OF AMERICA															PD				
OCCIDENTAL CHEMICAL CORPORATION					PDE											PDE			
OWENS-CORNING FIBERGLASS		PDE		PD	PD														
PHILLIPS 66 COMPANY							PDE	PDE	PDE										
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYSAR, INC.												PDE							
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE	PDE								D		
REICHOLD CHEMICALS, INC.	PDE	PDE											PDE				DE		
REXENE CORPORATION						PDE			PDE										

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	L D P E	H D P E	P P	A B S	S A N	P S	S B L	O S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N T P Y	
ROGERS CORPORATION	PDE				PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	
SCOTT POLYMERS												PD								
SEQUA CHEMICAL																	DE			
SHAKESPEARE COMPANY															PDE					
SHELL CHEMICAL COMPANY	PDE								PDE											
SHEREX POLYMERS		PD																		
SHINTECH, INC.																PDE				
SILMAR		PDE																		
SOLTEX POLYMERS							PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PD	PD	PD	PD															
UNION CARBIDE CORPORATION	PDE					PDEI	PDEI	PDE												
UNION CHEMICAL													PD				D		PD	
VALCHEM			PD																	
VALITE DIV. OF VALENTINE SUGARS, INC.					PD															
VISTA CHEMICAL COMPANY																PDE				
VYGEN CORPORATION																PDE				
WELLMAN, INC.															PDE					
WEST LAKE POLYMERS						PDE														
TOTAL	7	14	9	10	16	12	9	12	13	5	5	13	7	10	13	12	9	2	7	9

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

The Society of the
Plastics Industry, Inc.



Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

FEBRUARY 28, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

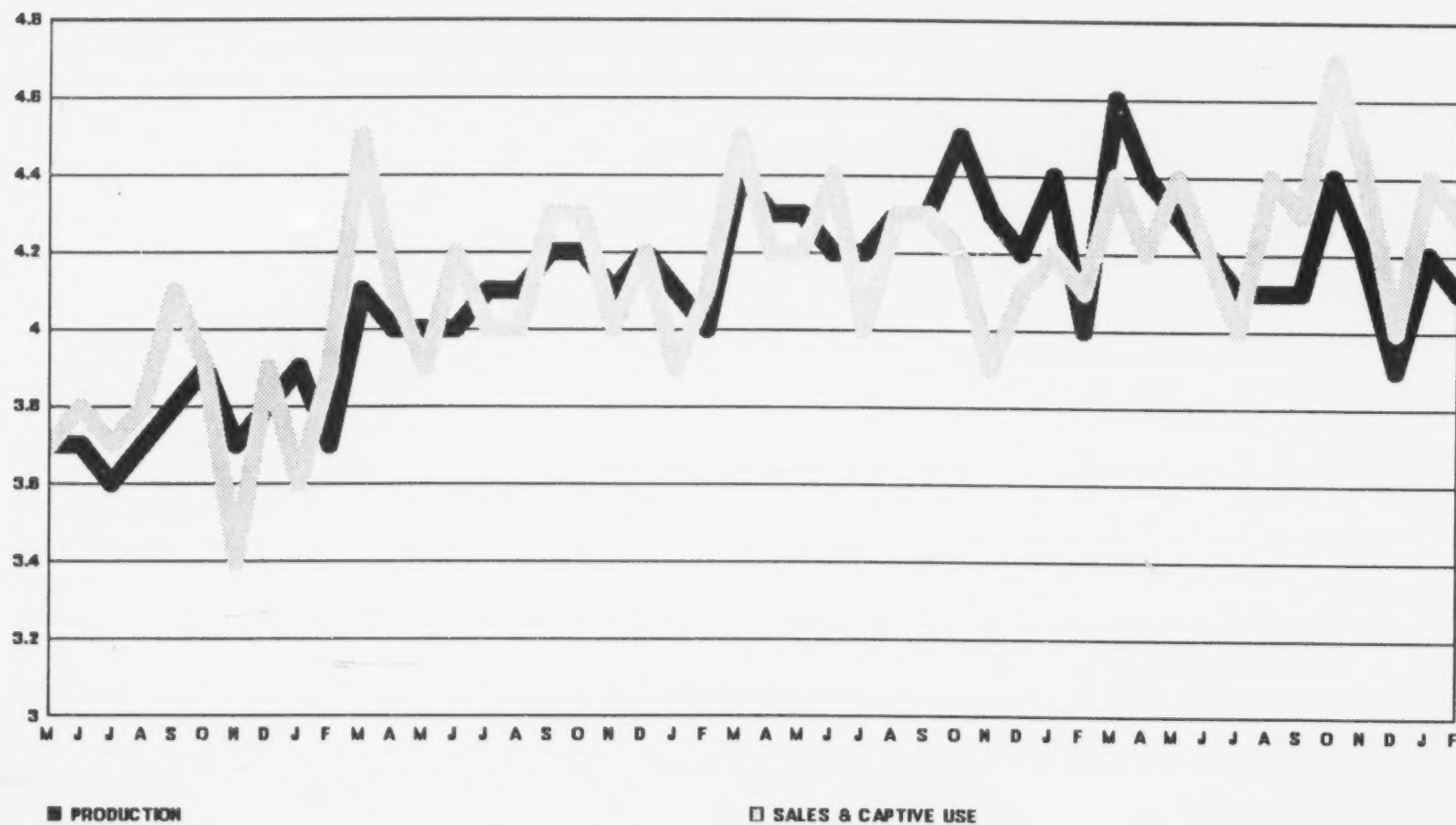
Release Date: April 20, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

FEBRUARY 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
 (Thousands of pounds, dry weight basis)(1)

JANUARY 1990

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	34,618	36,659	-5.6	72,807	78,269	-7.0	42,926	42,040	2.1	77,766	87,814	-11.4
POLYESTER (UNSATURATED) RESINS, TOTAL	99,235	108,393	-8.4	207,642	221,296	-6.2	101,643	108,846	-6.6	211,582	220,393	-4.0
UREA RESINS, TOTAL	116,611	101,707	14.7	241,084	209,773	14.9	116,803	102,834	13.6	240,952	210,860	14.3
MELAMINE RESINS, TOTAL	11,732	16,204	-27.6	24,702	35,262	-29.9	14,316	17,373	-17.6	29,124	37,445	-22.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	233,429	220,865	5.7	486,951	464,879	4.7	233,611	227,121	2.9	487,630	472,436	3.2
THERMOSETTING RESINS, TOTAL	495,625	483,828	2.4	1,033,186	1,009,479	2.3	509,299	496,214	2.2	1,047,054	1,028,948	1.8
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	553,090	538,727	2.7	1,139,456	1,115,294	2.2	560,094	540,613	3.6	1,143,082	1,185,048	-3.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	357,081	284,536	25.5	686,724	586,636	17.1	271,984	286,916	-5.2	548,560	566,767	-3.2
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	632,366	618,176	2.3	1,291,750 R	1,238,398	4.3	616,225	585,229	5.3	1,253,694	1,267,430	-1.1
POLYPROPYLENE, TOTAL	658,585	613,984	7.3	1,362,748	1,205,717	13.0	666,292	564,430	18.0	1,336,066	1,168,820	14.3
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	87,329	106,523	-18.0	181,995	229,898	-20.8	77,563	109,390	-29.1	169,727	240,701	-29.5
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,847	8,762	12.4	20,066	16,997	18.1	10,025	8,427	19.0	20,420	18,795	8.6
POLYSTYRENE RESINS, TOTAL	453,980	432,726	4.9	918,334	870,800	5.5	372,015	403,956	-7.9	786,625	808,716	-2.7
STYRENE BASED LATEXES, TOTAL ***	84,094	79,268	6.1	171,813	165,497	3.8	76,968	74,195	3.7	163,887	155,634	5.3
OTHER STYRENICS, TOTAL (40% or More Styrene)	11,681	12,897	-9.4	24,675 R	27,814	-11.3	10,967	12,636	-13.2	24,180	26,212	-7.8
NYLON RESINS (6)	43,494	50,809	-14.4	87,575	100,658	-13.0	40,990	47,547	-13.8	87,676	97,915	-10.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	771,027	685,828	12.4	1,515,225	1,383,567	9.5	724,473	679,261	6.7	1,445,657	1,382,828	4.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	16,483	17,017	-3.1	33,938	36,384	-6.7	20,197	17,833	13.3	40,728	39,394	3.4
THERMOPLASTIC POLYESTER, TOTAL (6)	138,793	122,621	13.2	281,244	260,516	8.0	138,898	121,426	14.4	276,467	252,539	9.5
THERMOPLASTIC RESINS, TOTAL	3,817,850	3,571,874	6.8	7,715,543 R	7,238,176	6.6	3,588,691	3,451,858	3.9	7,298,787	7,210,799	1.2
GRAND TOTAL	4,313,475	4,055,702	6.4	8,748,729 R	8,247,655	6.1	4,095,990	3,950,073	3.7	8,343,821	8,239,747	1.3

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene

(6) = Data Includes Sales from Imports

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	34,618	36,659	-5.6	72,807	78,269	-7.0	42,926	42,040	2.1	77,766	87,814	-11.4
Exports, Total	5,296	5,624	-5.8	11,957	11,770	1.6						
Captive Use, Total	1,551	1,244	24.7	3,063	2,353	30.2						
Domestic Sales, Total	27,771	29,791	-6.8	57,787	64,146	-9.9						
Domestic Sales & Captive Use, Total	29,322	31,035	-5.5	60,850	66,499	-8.5						
Bonding & Adhesives	2,095	2,102	-0.3	4,241	4,270	-0.7						
Flooring, Paving & Exposed Aggregate	1,813	1,653	9.7	3,856	3,752	2.8						
Protective Coatings	13,705	15,412	-11.1	28,707	32,031	-10.4						
Fiber Reinforced Laminates & Composites	6,806	6,312	7.8	13,662	15,216	-10.2						
FRL&C for Printed Wiring Board	4,755	4,177	13.8	9,362	10,951	-14.5						
All Other FRL&C	2,051	2,135	-3.9	4,300	4,265	0.8						
Tooling, Casting & Molded Resins	2,048	2,564	-20.1	4,017	5,322	-24.5						
All Other Uses	2,855	2,992	-4.6	6,367	5,908	7.8						
POLYESTER (UNSATURATED) RESINS, TOTAL	99,235	108,393	-8.4	207,642	221,296	-6.2	101,643	108,846	-6.6	211,582	220,393	-4.0
Total Exports	1,891	2,231	-15.2	3,237	3,906	-17.1						
Total Domestic	97,344	106,162	-8.3	204,405	217,390	-6.0						
General Purpose Resins, Total	84,103	90,803	-7.4	176,908	186,956	-5.4						
General Purpose - Thixotropic	32,548	41,416	-21.4	68,624	85,297	-19.5						
General Purpose - Press Molding	11,977	10,276	16.6	23,570	21,503	9.6						
General Purpose - Panel	5,564	N/A		13,383	N/A							
General Purpose - All Other	34,014	39,111	-13.0	71,331	80,156	-11.0						
Flame Retardant Resins	2,070	2,201	-6.0	4,066	4,075	-0.2						
Chemical Resistant Resins, Total	11,171	13,158	-15.1	23,431	26,359	-11.1						
Chemical Resistant Isophthalic Resins	8,409	10,210	-17.6	17,098	20,570	-16.9						
All Other Chemical Resistant Resins	2,762	2,948	-6.3	6,333	5,789	9.4						
Reinforced Plastic, Total	71,905	81,141	-11.4	150,840	166,392	-9.3						
Non-Reinforced Plastics, Total	25,439	25,021	1.7	53,565	50,998	5.0						

N/A = Not Available

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	116,611	101,707	14.7	241,084	209,773	14.9	116,803	102,834	13.6	240,952	210,860	14.3
MELAMINE RESINS, TOTAL	11,732	16,204	-27.6	24,702	35,262	-29.9	14,316	17,373	-17.6	29,124	37,445	-22.2
UREA & MELAMINE RESINS, TOTAL	128,343	117,911	8.8	265,786	245,035	8.5	131,119	120,207	9.1	270,076	248,305	8.8
Total Exports	D1	D1		D1	D1							
Total Domestic	128,343	117,911	8.8	265,786	245,035	8.5						
Textile Coating & Treating Resins	1,900	1,910	-0.5	3,999	4,189	-4.5	3,127	2,971	5.3	5,345	5,207	2.7
Paper Coating & Treating Resins	3,481	4,085	-14.8	7,084	8,405	-15.7	3,769	4,482	-15.9	7,435	9,208	-19.3
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	102,743	96,032	7.0	212,980	197,612	7.8	103,180	95,275	8.3	213,277	196,038	8.8
Laminating	2,563	5,912	-56.6	5,189	17,572	-70.5	2,527	4,138	-38.9	5,216	15,079	-65.4
Plywood	2,776	5,161	-46.2	7,578	8,668	-12.6	2,947	5,295	-44.3	7,629	8,949	-14.8
Fibrous & Granulated Wood (Particle Board)	97,404	84,959	14.6	200,213	171,372	16.8	97,706	85,842	13.8	200,432	172,010	16.5
Protective Coatings (Straight & Modified)	6,944	8,425	-17.6	14,476	19,130	-24.3	9,316	10,557	-11.8	19,399	23,293	-16.7
All Other Uses	13,275	7,459	78.0	27,247	15,699	73.6	11,727	6,922	69.4	24,620	14,559	69.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	233,429	220,865	5.7	486,951	464,879	4.7	233,611	227,121	2.9	487,630	472,436	3.2
Total Exports	1,762	1,145	53.9	3,013	2,337	28.9						
Total Domestic	231,667	219,720	5.4	483,938	462,542	4.6						
Molding Compounds	13,842	15,233	-9.1	26,415	30,507	-13.4	15,821	17,389	-9.0	29,436	33,593	-12.4
Bonding & Adhesive Resins for:	214,782	200,725	7.0	451,543	423,119	6.7	214,447	205,614	4.3	451,250	428,727	5.3
Laminating	13,136	15,715	-16.4	28,877	34,130	-15.4	13,157	17,011	-22.7	28,865	35,626	-19.0
Coated & Bonded Abrasives	2,421	3,244	-25.4	4,598	5,152	-10.8	2,503	3,747	-33.2	4,369	5,658	-22.8
Friction Materials	3,706	5,626	-34.1	7,241	8,034	-9.9	3,700	5,969	-38.0	7,909	8,242	-4.0
Insulation Materials	34,252	31,362	9.2	66,586	69,905	-4.7	34,217	33,043	3.6	66,300	72,188	-8.2
Foundry & Shell Molding	5,828	3,430	69.9	11,632	7,022	65.7	5,745	3,576	60.7	11,306	7,318	54.5
Plywood	N.R. 5	112,384		N.R. 5	230,036		N.R. 5	113,233		N.R. 5	230,477	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	1,321		D3	1,757		D3	1,155		D3	1,837	
All Other	155,439	27,643	N/C	332,609	67,083	N/C	155,125	27,880	N/C	332,501	67,381	N/C
Protective Coatings - Unmodified & Modified	D2	1,048		D2	2,181		D2	911		D2	2,051	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,043	2,714	N/C	5,980	6,735	N/C	3,343	3,207	N/C	6,944	8,065	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.

D2 = Disclosure: Included in All Other Uses.

D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

N.R.5 = Not Reported: Included in All Other Bonding & Adhesive Resins.

(1) - Phenolic is on a Gross Weight Basis

RESIN	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL	553,090	538,727	2.7	1,139,456	1,115,294	2.2	575,316	546,681	5.2	1,171,460	1,198,612	-2.3
Imports, Total							15,222	6,068	150.9	28,378	13,564	109.2
Exports, Total	61,923	71,342	-13.2	136,877	138,148	-0.9						
Domestic, Total	491,167	467,385	5.1	1,002,579	977,146	2.6	560,094	540,613	3.6	1,143,082	1,185,048	-3.5
Film (12 Mils & Below)	291,480	276,209	5.5	584,915	563,813	3.7						
Packaging Film	200,980	190,480	5.5	400,499	378,739	5.7						
Food Packaging Film	94,887	88,154	7.6	199,407	180,557	10.4						
Non-Food Packaging Film	83,624	83,943	-0.4	153,389	159,804	-4.0						
Shrink Film	12,171	D10		25,904	D10							
Stretch Film	10,298	18,383	N/C	21,799	38,378	N/C						
Non-Packaging Film	90,500	85,729	5.6	184,416	185,074	-0.4						
Carry-Out Bags	6,877	9,364	-26.6	13,709	21,507	-36.3						
Trash and Can Liners	27,781	29,276	-5.1	56,821	66,296	-14.3						
Other Non-Packaging Film	55,842	47,089	18.6	113,886	97,271	17.1						
Sheet (Over 12 Mils)	5,184	6,245	-17.0	10,195	14,175	-28.1						
Injection Molding	33,565	32,288	4.0	63,366	64,736	-2.1						
Injection Molded Lids	6,498	4,353	49.3	13,258	8,537	55.3						
Injection Molded Housewares	3,932	3,525	11.5	8,381	8,196	2.3						
Other Injection Molding	23,135	24,410	-5.2	41,727	48,003	-13.1						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	57,118	D5		123,616	D5							
Blow Molding	4,128	4,437	-7.0	9,589	10,012	-4.2						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	25,941	82,367	N/C	55,625	176,184	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	40,158	34,042	18.0	86,098	68,527	25.6						
Resellers	29,798	25,909	15.0	60,427	50,274	20.2						
Compounders	10,360	8,133	27.4	25,671	18,253	40.6						
Adhesives and Sealants	8,830	D2		17,960	D2							
All Other Uses	24,763	31,797	N/C	51,215	79,699	N/C						

D2 = Disclosure: Included in All Other Uses.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

R = Revision

D10 = Disclosure: Shrink Film is Included in Stretch Film.

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL	357,081	284,536	25.5	686,724	586,636	17.1	344,142	343,527	0.2	672,333	685,169	-1.9
Imports, Total							72,158	56,611	27.5	123,773	118,402	4.5
Exports, Total	19,616	9,058	116.6	35,396	17,283	104.8						
Domestic, Total	337,465	275,478	22.5	651,328	569,353	14.4	271,984	286,916	-5.2	548,560	566,767	-3.2
Film (12 Mils & Below)	221,893	178,742	24.1	423,777	381,664	11.0						
Packaging Film	98,590	82,126	20.0	194,084	175,664	10.5						
Food Packaging Film	17,796	14,012	27.0	33,993	32,065	6.0						
Non-Food Packaging Film	52,803	45,471	16.1	105,072	96,932	8.4						
Shrink Film	D10	D10		D10	D10							
Stretch Film	27,991	22,643	23.6	55,019	46,667	17.9						
Non-Packaging Film	123,303	96,616	27.6	229,693	206,000	11.5						
Carry-Out Bags	19,029	15,018	26.7	38,492	35,863	7.3						
Trash and Can Liners	83,399	67,334	23.9	151,075	126,523	19.4						
Other Non-Packaging Film	20,875	14,264	46.3	40,126	43,614	-8.0						
Sheet (Over 12 Mils)	2,119	3,947	-46.3	2,979	4,875	-38.9						
Injection Molding	37,418	30,973	20.8	72,827	59,214	23.0						
Injection Molded Lids	15,747	14,136	11.4	29,392	27,193	8.1						
Injection Molded Housewares	13,539	10,666	26.9	26,332	19,998	31.7						
Other Injection Molding	8,132	6,171	31.8	17,103	12,023	42.3						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	2,332	1,552	50.3	4,432	2,565	72.8						
Pipe and Conduit, Total	4,140	D5		8,041	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	13,956	18,992	N/C	28,908	38,951	N/C						
Rotomolding	28,030	D2		52,784	D2							
Resellers & Compounders, Total	16,954	17,786	-4.7	36,161	28,821	25.5						
Resellers	9,301	12,237	-24.0	21,571	19,737	9.3						
Compounders	7,653	5,549	37.9	14,590	9,084	60.6						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	10,623	23,486	N/C	21,419	53,263	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

D = Disclosure

R = Revision

PAGE 6

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940. TOTAL	632,368	618,176	2.3	1,291,750	1,238,398	4.3	616,225	585,229	5.3	1,253,994	1,267,430	-1.1
Exports, Total	48,965	66,538	-26.4	116,620	114,096	2.2						
Domestic, Total	583,401	551,638	5.8	1,175,130	1,124,302	4.5						
Film (12 Mils & Below)	70,643	57,168	23.5	134,241	121,541	10.4						
Packaging Film	19,528	13,979	39.7	40,347	28,555	41.3						
Food Packaging Film	13,784	9,236	49.2	23,891	19,086	25.2						
Non-Food Packaging Film	5,744	4,743	21.1	16,456	9,469	73.8						
Non-Packaging Film	51,115	43,209	18.3	93,894	92,986	1.0						
Retail Bags	38,038	21,123	F	69,189	45,834	N/C						
Grocery Sacks & T-Shirt Bags	18,802	N/A		36,676	N/A							
All Other Retail Bags	4,011	N/A		8,075	N/A							
Trash Bags/Can Liners	15,225	D9		24,438	D9							
All Other Non-Packaging Film	13,077	22,088	N/C	24,705	47,152	N/C						
Sheet (Over 12 Mils)	28,461	24,150	17.9	64,344	50,993	26.2						
Injection Molding, Total	111,534	114,683	-2.7	225,906	225,280	0.3						
Pails (5 gallons or less)	31,954	38,327	-16.6	60,910	70,616	-13.7						
Housewares	8,619	8,818	-2.3	16,253	15,412	5.5						
Food Tubs/Containers & Drink Cups	23,154	20,050	15.5	48,024	39,990	20.1						
Crates and Totes	10,486	14,646	-28.4	24,370	24,069	1.3						
Toys/Novelties/Sporting Goods	4,165	N/A		9,019	N/A							
Caps and Closures	9,040	N/A		18,172	N/A							
All Other Injection Molding	24,116	32,842	N/C	49,248	75,193	N/C						
Wire and Cable	13,738	11,340	21.1	26,404	25,022	5.5						
Blow Molding, Total	224,762	219,228	2.5	478,371	459,143	4.2						
Motor Oil Bottles	16,404	13,210	24.2	40,682	25,762	57.9						
Liquid Food Bottles	78,326	69,310	13.0	180,450	144,410	11.1						
Household Chemical Bottles	67,404	68,029	-0.9	143,929	141,178	1.9						
Industrial Drums	11,164	22,074	G	23,407	43,550	N/C						
Gas Tanks, All Uses	2,150	N/A		5,245	N/A							
Pharm., Cosmetics, & Toiletries	16,346	N/A		37,156	N/A							
All Other Blow Molding	32,968	46,605	N/C	67,502	N/A	N/C						
Pipe and Conduit, Total	37,470	37,321	0.4	62,196	71,271	-12.7						
Corrugated	5,679	6,090	-6.7	11,891	10,848	9.6						
Non-Corrugated	31,791	31,231	1.8	50,305	60,423	-16.7						
Gas Distribution	11,147	N/A		18,588	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	20,644	N/A		31,717	N/A							
Other Extruded Products	5,708	6,790	-15.9	12,889	14,911	-13.6						
Rotomolding	4,675	5,668	-17.5	11,522	10,928	5.4						
Reseller & Compounds, Total	59,332	47,347	25.3	115,853	97,973	18.2						
Resellers	56,010	42,680	31.2	110,428	86,853	27.1						
Compounds	3,322	4,667	-28.8	5,425	11,120	-51.2						
All Other HDPE	27,078	27,923	-3.0	43,314	47,240	-8.3						

D9 = Disclosure: Included in Other Non-Packaging Film.

D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

N/C = Not Comparable.

F = Reported as Carry Out Bags in 1989.

G = Reported as Large Containers in 1989.

N/A = Not Available.

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	658,585	613,984	7.3	1,362,748	1,205,717	13.0	666,292	564,430	18.0	1,336,066	1,168,820	14.3
Exports, Total	116,578	106,948	9.0	271,151	193,907	39.8						
Domestic, Total	542,007	507,036	6.9	1,091,597	1,011,810	7.9						
Injection Molding, Total	164,812	144,925	13.7	322,811	295,984	9.1						
Appliances	15,915	12,740	24.9	30,419	25,080	21.3						
Consumer Products	56,088	44,405	26.3	104,571	89,518	16.8						
Rigid Packaging	53,812	50,536	6.5	109,518	101,063	8.4						
Transportation	24,411	24,710	-1.2	47,013	53,359	-11.9						
All Other Injection Molding	14,586	12,534	16.4	31,290	26,964	16.0						
Blow Molding	12,644	9,380	34.8	24,068	20,505	17.4						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	49,696	51,077	-2.7	98,777	101,118	-2.3						
Oriented Film	41,106	38,529	6.7	78,750	76,817	2.5						
Non-Oriented Film	8,590	12,548	-31.5	20,027	24,301	-17.6						
Sheet (Over 10 Mils), Total	9,718	14,860	-34.6	20,967	27,727	-24.4						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	2,284	D5		3,410	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	179,545	172,982	3.8	350,061	333,826	4.9						
Textile Applications	170,860	163,870	4.3	326,410	314,905	3.7						
Nonwovens	54,489	45,418	20.0	105,495	82,069	28.5						
Monofilament & Multifilament Fibers	60,772	66,940	-9.2	109,517	133,878	-18.2						
Slit Film Fibers	55,599	51,512	7.9	111,398	98,958	12.6						
Non-Textile Monofilaments	8,685	9,112	-4.7	23,651	18,921	25.0						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	6,341	6,924	N/C	16,152	14,975	N/C						
Resellers/Distributors/Compounders, Total	111,224	103,214	7.8	244,693	211,607	15.6						
Resellers	39,016	68,669 C	N/C	91,895	141,136	N/C						
Distributors	31,019	N/A		68,877	N/A							
Compounders	41,189	34,545	19.2	83,921	70,471	19.1						
All Other Uses	5,743	3,674	56.3	10,658	6,068	75.6						

D5 = Disclosure; Included in Other Extruded Products.

D = Disclosure

C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable

N/A = Not Available

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL	453,980	432,726	4.9	918,334	870,800	5.5	372,015	403,956	-7.9	786,625	808,716	-2.7
Crystal (Solid) Polystyrene	237,341	237,263 A	N/C	483,702	476,845 A	N/C	155,313	231,868 A	N/C	314,275	464,301 A	N/C
Rubber Modified Polystyrene	216,639	195,463	10.8	434,632	393,955	10.3	162,051	172,088	-5.8	359,003	344,415	4.2
Expandable Polystyrene	N.R. 1			N.R. 1			54,651			113,347		
Exports, Total	17,300	19,999	-13.5	40,748	42,953	-5.1						
Crystal (Solid) Polystyrene	5,944	10,413 A	N/C	18,312	22,244 A	N/C						
Rubber Modified Polystyrene	11,356	9,586	18.5	22,436	20,709	8.3						
Expandable Polystyrene	N.R. 1			N.R. 1								
Domestic, Total	436,680	412,727	5.8	877,586	827,847	6.0						
Molding	169,527	162,485	4.3	339,170	332,850	1.9						
Extrusion	199,772	167,486	19.3	398,377	334,983	18.9						
Expandable Polystyrene	55,242	63,594	-13.1	106,830	121,956	-12.4						
Block	19,610	26,750	-26.7	35,615	50,625	-29.6						
Shape	13,295	15,028	-11.5	24,952	28,878	-13.6						
Loose Fill	D6	D6		D6	D6							
Other EPS	22,337	21,816	2.4	46,263	42,453	9.0						
All Other Uses	12,139	19,162	-36.7	33,209	38,058	-12.7						
Polystyrene End-Uses, Total	436,680	412,727	5.8	877,586	827,847	6.0						
Packaging & One Time Use	171,904	144,221 B	19.2	343,003	293,827 B	16.7						
Consumer & Institutional Products	50,906	64,867	-21.5	96,084	127,081	-24.4						
Electrical/Electronics	58,771	53,868	9.1	120,369	105,885	13.7						
Furniture, Furnishings, Bldg. & Construction	30,666	24,776	23.8	63,521	50,593	25.6						
Expandable Polystyrene Beads	55,242	63,594	-13.1	106,830	121,956	-12.4						
Resellers and Compounders	51,844	39,216	32.2	104,687	78,118	34.0						
All Other End-Uses	17,347	22,185	-21.8	43,092	50,387	-14.5						

D6 = Disclosure: Included in Other EPS

N/C = Not Comparable

N.R. 1 = Not Reported: Included in Crystal(Solid) Polystyrene

A = Reported as Straight Polystyrene in 1989.

B = Consists of Packaging & Disposable Food Serveware lines reported in 1989.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	87,329	106,523	-18.0	181,995	229,898	-20.8	77,563	109,390	-29.1	169,727	240,701	-29.5
SAN (STYRENE-ACRYLONITRILE), TOTAL	9,847	8,762	12.4	20,066	16,997	18.1	10,025	8,427	19.0	20,420	18,795	8.6
Total Exports	2,816	2,427	16.0	5,692	4,722	20.5						
Total Domestic	7,031	6,335	11.0	14,374	12,275	17.1						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	11,681	12,897	-9.4	24,675	27,814	-11.3	10,967	12,636	-13.2	24,180	26,212	-7.8
ABS, SAN, & OTHER STYRENICS, TOTAL	108,857	128,182	-15.1	226,736	274,709	-17.5	98,555	130,453	-24.5	214,327	285,708	-25.0
Total Exports	N.R. 1	N.R. 1		N.R. 1	N.R. 1							
Total Domestic	108,857	128,182	-15.1	226,736	274,709	-17.5						
Electrical/Electronics	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
Building & Construction	12,253	12,934	-5.3	21,389	28,141	-24.0						
Transportation	28,527	37,878	-24.7	57,391	79,280	-27.6						
Consumer & Institutional	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
All Other Uses	68,077	77,370	-12.0	147,956	167,288	-11.6						
STYRENE BASED LATEXES, TOTAL *	84,094	79,268	6.1	171,813	165,497	3.8	76,968	74,195	3.7	163,887	155,634	5.3
Carpet Backing	31,791	28,709	10.7	62,009	58,746	5.6						
All Other Uses	52,303	50,559	E 3.4	109,804	106,751	E 2.9						
NYLON RESINS, TOTAL (†)	43,494	50,809	-14.4	87,575	100,658	-13.0	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	4,870	6,783	-28.2	11,180	12,986	-13.9						
Domestic, Total	38,624	44,026	-12.3	76,395	87,672	-12.9	40,990	47,547	-13.8	87,676	97,915	-10.5
Injection Molding Grade	23,005	27,780	-17.2	44,535	52,305	-14.9						
Extrusion Grade	12,235	11,876	3.0	24,665	25,762	-4.3						
Resellers & Compounders	2,694	2,713	-0.7	5,856	6,598	-11.2						
All Other Uses	690	1,657	-58.4	1,339	3,007	-55.5						
Nylon End-Uses, Total	38,624	44,026	-12.3	76,395	87,672	-12.9						
Automotive and Truck	11,997	N/A		23,783	N/A							
Electrical and Electronic	5,501	N/A		10,053	N/A							
Appliances	1,092	N/A		1,971	N/A							
Film and Coating	5,656	N/A		11,476	N/A							
Wire and Cable	2,815	N/A		5,786	N/A							
Monofilament	1,914	N/A		3,772	N/A							
Consumer	1,279	N/A		2,927	N/A							
Industrial/Machinery	3,688	N/A		7,435	N/A							
All Other End-Uses	4,682	N/A		9,192	N/A							

N.R.1 - Not Reported; Included in Total Domestic and All Other.

N.R.2 - Not Reported; Included in All Other Uses.

* - Styrene Based Latexes Sales include some Canadian produced material.

E = Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

D = Disclosure

N/A = Not Available

(†) - Includes sales from imports

PAGE 10

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	771,027	685,828	12.4	1,515,225	1,383,567	9.5	724,473	679,261	6.7	1,445,657	1,382,828	4.5
Homopolymer Resins, Including Blending & Latex	712,482	625,563	13.9	1,405,918	1,269,004	10.8	665,806	617,176	7.9	1,325,311	1,263,723	4.9
Copolymer Resins, Including Blending & Latex	20,528	17,550	17.0	33,719	31,316	7.7	16,304	18,830	-13.4	33,168	35,250	-5.9
Dispersion Resins	38,017	42,715	-11.0	75,588	83,247	-9.2	42,363	43,255	-2.1	87,178	83,855	4.0
Exports, Total	69,001	45,002	53.3	169,380	87,123	94.4						
Domestic, Total	702,026	640,826	9.6	1,345,845	1,296,444	3.8						
Calendering, Total	79,132	69,370	14.1	155,791	133,392	16.8						
Flooring	19,412	17,705	9.6	35,243	30,739	14.7						
Textile	8,260	8,289	-0.3	18,315	17,553	4.3						
All Other Calendering Uses	51,460	43,376	18.6	102,233	85,100	20.1						
Coating, Total	25,107	32,682	-23.2	50,412	62,955	-19.9						
Flooring	10,822	13,228	-18.2	21,988	25,462	-13.6						
Textile and Paper Coating	6,974	9,521	-26.8	13,862	18,138	-23.6						
Protective Coatings	3,592	5,002	-28.2	7,358	9,320	-21.1						
Adhesives & All Other Coating Uses	3,719	4,931	-24.6	7,204	10,035	-28.2						
Extrusion, Total	482,405	433,154	11.4	912,814	879,546	3.8						
Wire and Cable	32,074	35,310	-9.2	66,315	64,562	2.7						
Film and Sheet, Packaging	30,854	27,635	11.6	57,103	53,181	7.4						
Film and Sheet, Non-Packaging	4,528	3,940	14.9	8,047	9,946	-19.1						
Siding, Siding Acc. & Mobile Home Skirting	72,863	64,119	13.6	138,637	126,924	9.2						
Rigid Pipe and Tubing (except fittings)	290,180	257,634	12.6	538,369	538,751	-0.1						
All Other Extrusion Uses	51,906	44,516	16.6	104,343	86,182	21.1						
Molding, Total	43,546	44,028	-1.1	88,487	95,328	-7.2						
Bottles	18,374	18,837	-2.5	35,900	39,894	-10.0						
Fittings (Rigid Pipe and Tubing)	14,397	12,173	18.3	28,965	28,917	0.2						
All Other Molding Uses	10,775	13,018	-17.2	23,622	26,517	-10.9						
Paste Processes (except coating), Total	13,065	15,032	-13.1	26,268	28,965	-9.3						
Plastisol Formulation	7,185	7,991	-10.1	14,340	15,785	-9.2						
All Other Paste Process Uses	5,880	7,041	-16.5	11,928	13,180	-9.5						
Resellers & Compounds	31,942	29,424	8.6	60,455	60,613	-0.3						
All Other Uses	26,829	17,136	56.6	51,618	35,645	44.8						

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	16,483	17,017	-3.1	33,938	36,384	-6.7	20,197	17,833	13.3	40,726	39,394	3.4
Exports, Total	5,244	6,072	-13.6	11,547	12,602	-8.4						
Domestic, Total	11,239	10,945	2.7	22,391	23,782	-5.8						
THERMOPLASTIC POLYESTER, TOTAL (6)	138,793	122,621	13.2	281,244	260,516	8.0	138,898	121,426	14.4	276,467	252,539	9.5
Exports, Total	22,368	18,746	19.3	51,642	44,061	17.2						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	116,425	103,875	12.1	229,602	216,455	6.1						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	77,366	63,991	20.9	156,156	135,067	15.6						
PET/PBT Resellers & Compounders	N.R. 4	N/A		N.R. 4	N/A							
All Other Thermoplastic Polyester	39,059	39,884	N/C	73,446	81,388	N/C						

(2) - The publishing of PVAC data has been suspended.

(3) - The publishing of PVOH data has been suspended.

(4) - Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R. 4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JANUARY 31, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: JUNE 14, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

JANUARY 1990

RESIN KIND	JANUARY				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	34.8	31.5	1.0	6.7	34.8	31.5	1.0	6.7
POLYESTER (UNSATURATED) RESINS, TOTAL	109.9	107.1	0.6	8.1	109.9	107.1	0.6	8.1
UREA RESINS, TOTAL **	124.1	124.5	1.5	2.9	124.1	124.5	1.5	2.9
MELAMINE RESINS, TOTAL **	14.8	13.0	0.3	1.3	14.8	13.0	0.3	1.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	254.0	252.3	3.5	7.7	254.0	252.3	3.5	7.7
THERMOSETTING RESINS, TOTAL	537.6	528.4	6.9	26.7	537.6	528.4	6.9	26.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	583.0	511.4	82.3	72.5	583.0	511.4	82.3	72.5
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	276.6	313.9	64.1	27.8	276.6	313.9	64.1	27.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	637.5	592.9	36.8	96.1	637.5	592.9	36.8	96.1
POLYPROPYLENE, TOTAL	669.8	549.6	6.5	167.9	669.8	549.6	6.5	167.9
ABS RESINS, TOTAL **								
(ACRYLONITRILE-BUTADIENE-STYRENE)	92.2	94.7	5.7	11.6	92.2	94.7	5.7	11.6
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	10.4	7.3	0.9	7.1	10.4	7.3	0.9	7.1
OTHER STYRENICS **	100.1	100.7	0.0	14.5	100.1	100.7	0.0	14.5
POLYSTYRENE RESINS, TOTAL	414.6	440.9	4.8	26.3	414.6	440.9	4.8	26.3
NYLON RESINS, TOTAL (6)	46.7	44.1	5.6	12.9	46.7	44.1	5.6	12.9
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	721.2	643.8	8.6	111.7	721.2	643.8	8.6	111.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS			N/A	N/A			N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	137.6	113.2	2.6	28.9	137.6	113.2	2.6	28.9
THERMOPLASTIC RESINS, TOTAL	3,689.7	3,412.5	217.9	577.3	3,689.7	3,412.5	217.9	577.3
GRAND TOTAL	4,227.3	3,940.9	224.8	604.0	4,227.3	3,940.9	224.8	604.0

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH + PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

Sources: Sales and Production - SPI Monthly Statistical Report
Imports - Bureau of the Census (IM 145)
Exports - Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.



Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

MARCH 31, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

Release Date: May 15, 1990

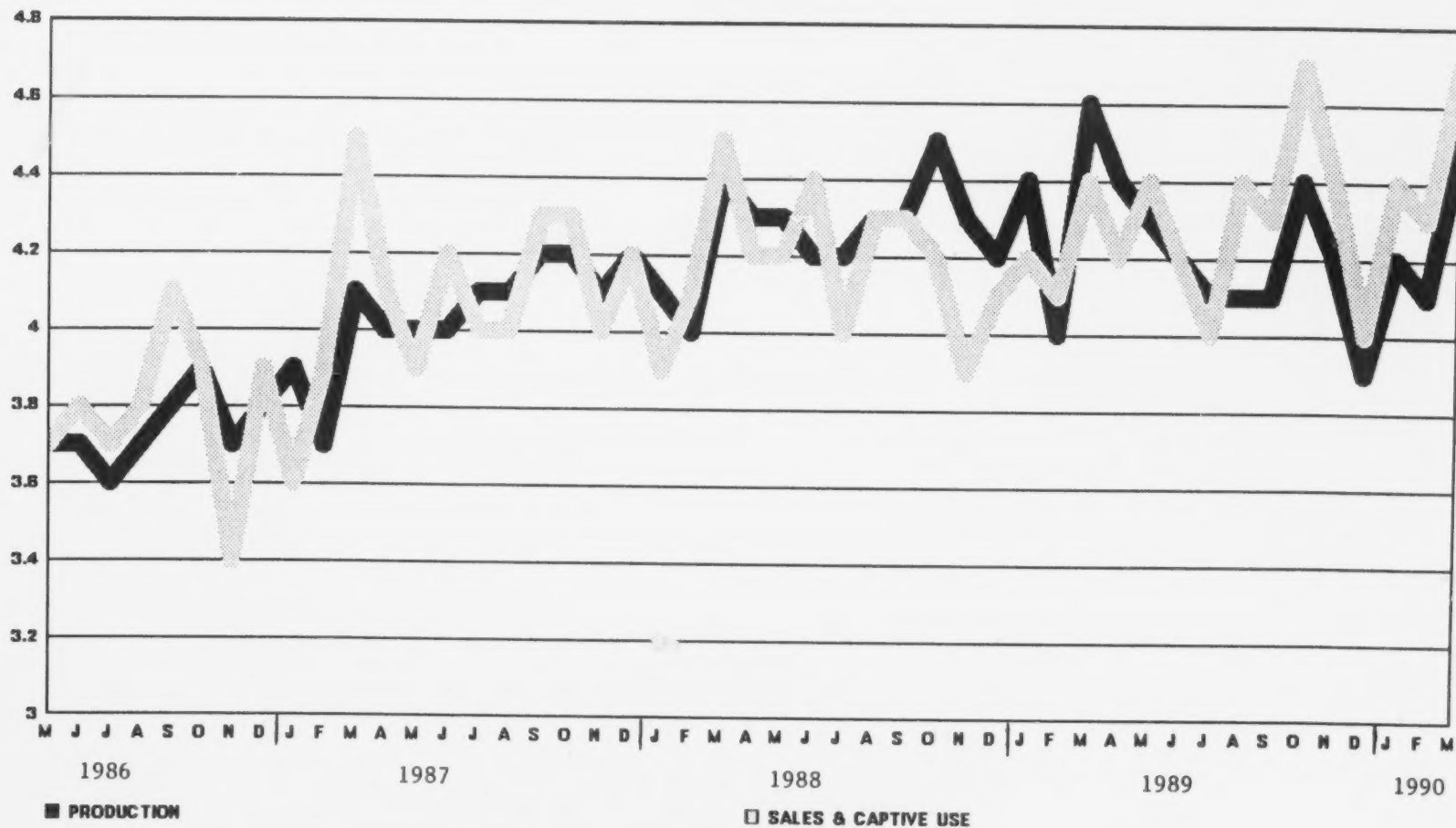
SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

MARCH 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

MARCH 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	40,992	46,017	-10.9	113,603 R	124,286	-8.6	46,844	45,406	3.2	124,712 R	133,222	-6.4
POLYESTER (UNSATURATED) RESINS, TOTAL	106,385	118,751	-10.4	314,027	340,047	-7.7	109,060	119,517	-8.7	320,642	339,910	-5.7
UREA RESINS, TOTAL	129,672	129,819	-0.1	370,756	339,592	9.2	127,371	130,184	-2.2	366,323	341,044	8.0
MELAMINE RESINS, TOTAL	14,414	19,490	-26.0	39,116	54,752	-28.6	14,657	20,482	-28.4	43,781	57,927	-24.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	252,211	245,521	2.7	739,639 R	710,400	4.1	252,679	251,138	0.6	740,729 R	723,574	2.4
THERMOSETTING RESINS, TOTAL	543,674	559,596	-2.8	1,577,141 R	1,569,077	0.5	550,611	566,729	-2.8	1,566,187 R	1,595,677	0.2
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	630,576	569,284	10.8	1,766,525 R	1,684,578	4.9	613,950	598,539	2.6	1,757,032 R	1,783,567	-1.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	430,466	306,022	40.7	1,117,190	892,658	25.2	334,564	243,176	37.6	883,124	809,943	9.0
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	705,627	688,047	2.6	1,993,880 R	1,926,445	3.5	657,180	727,731	-9.7	1,910,874	1,995,161	-4.2
POLYPROPYLENE, TOTAL	702,635	636,373	10.4	2,065,383	1,842,090	12.1	704,880	648,563	8.7	2,040,946	1,817,363	12.3
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	107,757	109,042	-1.2	289,752	338,940	-14.5	92,838	116,391	-20.2	262,565	357,092	-26.5
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,432	9,258	1.9	29,498	26,255	12.4	10,242	11,650	-12.1	30,662	30,445	0.7
POLYSTYRENE RESINS, TOTAL	419,451	447,212	-6.2	1,337,785	1,318,012	1.5	445,214	465,725	-4.4	1,231,860	1,274,441	-3.3
STYRENE BASED LATEXES, TOTAL ***	95,819	91,450	4.8	267,632	256,947	4.2	94,944	87,202	8.9	258,831	242,836	6.6
OTHER STYRENICS, TOTAL (40% or More Styrene)	15,686	13,819	13.5	39,395 R	41,633	-5.4	13,194	14,255	-7.4	36,405 R	40,467	-10.0
NYLON RESINS (6)	48,449	54,305	-10.8	136,024	154,963	-12.2	49,162	46,591	5.5	136,838 R	144,506	-5.3
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	783,914	737,194	6.3	2,299,139	2,120,761	8.4	793,057	792,049	0.1	2,236,714	2,174,677	2.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	16,775	16,748	0.2	50,546 R	53,132	-4.9	20,524	17,667	16.0	61,083 R	57,061	7.0
THERMOPLASTIC POLYESTER, TOTAL (6)	167,124	147,474	13.3	448,368	407,990	9.9	160,246	150,522	6.5	436,713	403,061	8.3
THERMOPLASTIC RESINS, TOTAL	4,133,711	3,826,228	8.0	11,841,117 R	11,064,404	7.0	3,969,965	3,920,061	1.3	11,285,656 R	11,130,880	1.4
GRAND TOTAL	4,677,385	4,385,826	6.6	13,418,258 R	12,633,481	6.2	4,540,608	4,486,610	1.2	12,883,843 R	12,726,667	1.2

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinyliden

(6) = Data Includes Sales from Imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	40,992	46,017	-10.9	113,603 R	124,286	-8.6	46,844	45,408	3.2	124,712 R	133,222	-6.4
Exports, Total	6,387	10,166	-37.2	18,348 R	21,936	-16.4						
Captive Use, Total	1,557	1,243	25.3	4,587 R	3,596	27.6						
Domestic Sales, Total	33,048	34,608	-4.5	90,668 R	98,754	-8.2						
Domestic Sales & Captive Use, Total	34,605	35,851	-3.5	95,255 R	102,350	-6.9						
Bonding & Adhesives	2,377	2,556	-7.0	6,592 R	6,826	-3.4						
Flooring, Paving & Exposed Aggregate	2,651	2,052	29.2	6,481 R	5,804	11.7						
Protective Coatings	16,288	17,914	-9.1	45,019 R	49,945	-9.9						
Fiber Reinforced Laminates & Composites	7,814	7,397	5.6	21,561 R	22,613	-4.7						
FRL&C for Printed Wiring Board	5,190	5,032	3.1	14,595 R	15,983	-8.7						
All Other FRL&C	2,624	2,365	11.0	6,966 R	6,630	5.1						
Tooling, Casting & Molded Resins	2,053	2,606	-21.2	6,056 R	7,928	-23.6						
All Other Uses	3,422	3,326	2.9	9,546 R	9,234	3.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	106,385	118,751	-10.4	314,027	340,047	-7.7	109,060	119,517	-8.7	320,642	339,910	-5.7
Total Exports	1,986	1,946	2.1	5,223	5,852	-10.7						
Total Domestic	104,399	116,805	-10.6	308,804	334,195	-7.6						
General Purpose Resins, Total	90,409	101,080	-10.6	267,317	288,036	-7.2						
General Purpose - Thixotropic	36,095	44,061	-18.1	104,719	129,358	-19.0						
General Purpose - Press Molding	12,443	10,416	19.5	36,013	31,919	12.8						
General Purpose - Panel	7,918	N/A		21,301	N/A							
General Purpose - All Other	33,953	46,603	-27.1	105,284	126,759	-16.9						
Flame Retardant Resins	1,832	1,743	5.1	5,898	5,818	1.4						
Chemical Resistant Resins, Total	12,158	13,982	-13.0	35,589	40,341	-11.8						
Chemical Resistant Isophthalic Resins	8,971	10,765	-16.7	26,069	31,335	-16.8						
All Other Chemical Resistant Resins	3,187	3,217	-0.9	9,520	9,006	5.7						
Reinforced Plastics, Total	76,900	87,892	-12.5	227,740	254,284	-10.4						
Non-Reinforced Plastics, Total	27,499	28,913	-4.9	81,064	79,911	1.4						

R = Revision

N/A = Not Available

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	129,672	129,819	-0.1	370,756	339,592	9.2	127,371	130,184	-2.2	368,323	341,044	8.0
MELAMINE RESINS, TOTAL	14,414	19,490	-26.0	39,116	54,752	-28.6	14,657	20,482	-28.4	43,781	57,927	-24.4
UREA & MELAMINE RESINS, TOTAL	144,086	149,309	-3.5	409,872	394,344	3.9	142,028	150,666	-5.7	412,104	398,971	3.3
Total Exports	D1	D1		D1	D1							
Total Domestic	144,086	149,309	-3.5	409,872	394,344	3.9						
Textile Coating & Treating Resins	1,974	1,835	7.6	5,973	6,024	-0.8	2,832	2,399	18.0	8,177	7,606	7.5
Paper Coating & Treating Resins	6,218	5,030	23.6	13,302	13,435	-1.0	6,152	5,359	14.8	13,587	14,567	-6.7
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	114,270	122,313	-6.6	327,250	319,925	2.3	113,866	121,126	-6.0	327,143	317,164	3.1
Laminating	1,417	6,352	-77.7	6,606	23,924	-72.4	1,538	4,517	-66.0	6,754	19,596	-65.5
Plywood	5,886	6,133	-4.0	13,464	14,801	-9.0	5,949	6,484	-8.3	13,578	15,433	-12.0
Fibrous & Granulated Wood (Particle Board)	106,967	109,828	-2.6	307,180	281,200	9.2	106,379	110,125	-3.4	306,811	282,135	8.7
Protective Coatings (Straight & Modified)	8,554	10,504	-18.6	23,030	29,634	-22.3	9,610	13,375	-28.1	29,009	36,668	-20.9
All Other Uses	13,070	9,627	35.8	40,317	25,326	59.2	9,568	8,407	13.8	34,188	22,966	48.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	252,211	245,521	2.7	739,639 R	710,400	4.1	252,679	251,138	0.6	740,729 R	723,574	2.4
Total Exports	2,325	1,710	36.0	5,338	4,047	31.9						
Total Domestic	249,886	243,811	2.5	734,301 R	706,353	4.0						
Molding Compounds	15,566	15,338	1.5	41,981	45,845	-8.4	18,276	18,273	0.0	47,712	51,866	-8.0
Bonding & Adhesive Resins for:	230,933	225,488	2.4	682,953 R	643,607	5.3	231,442	230,679	0.3	683,112 R	659,406	3.6
Laminating	14,397	15,265	-5.7	43,274	49,395	-12.4	14,884	16,913	-12.0	43,749	52,539	-16.7
Coated & Bonded Abrasives	2,376	1,685	41.0	6,974	6,837	2.0	2,548	2,335	9.1	6,917	7,993	-13.5
Friction Materials	4,134	2,097	97.1	11,375	10,131	12.3	4,257	2,325	83.1	12,166	10,567	15.1
Insulation Materials	33,600	33,517	0.2	100,186	103,422	-3.1	33,152	34,887	-5.0	99,452	107,075	-7.1
Foundry & Shell Molding	7,388	3,039	143.1	19,020	10,061	89.0	7,342	3,385	116.9	18,648	10,703	74.2
Plywood	N.R. 5	138,762		N.R. 5	368,798		N.R. 5	138,045		N.R. 5	368,522	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	1,077		D3	2,834		D3	1,325		D3	3,162	
All Other	169,038	30,046	N/C	502,124 R	97,129	N/C	169,259	31,464	N/C	502,180 R	98,845	N/C
Protective Coatings - Unmodified & Modified	D2	1,539		D2	3,720		D2	1,221		D2	3,272	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,387	1,446	N/C	9,367	8,181	N/C	2,961	965	N/C	9,905	9,030	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.

D2 = Disclosure: Included in All Other Uses.

D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

N.R.5 = Not Reported: Included in All Other Bonding & Adhesive Resins.

(1) - Phenolic is on a Gross Weight Basis

RESIN	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	630,576	569,284	10.8	1,766,525 R	1,684,578	4.9	627,673	606,849	3.4	1,799,133	1,805,461	-0.4
Imports, Total							13,723	8,310	65.1	42,101 R	21,874	92.5
Exports, Total	72,407	81,984	-11.7	209,284	220,132	-4.9						
Domestic, Total	558,169	487,300	14.5	1,557,241 R	1,464,446	6.3	613,950	598,539	2.6	1,757,032 R	1,783,587	-1.5
Film (12 Mils & Below)	332,951	270,425	23.1	915,587 R	834,238	9.8						
Packaging Film	228,727	184,407	24.0	627,517 R	563,146	11.4						
Food Packaging Film	116,410	85,684	35.9	314,860	266,241	18.3						
Non-Food Packaging Film	90,072	80,754	11.5	242,898 R	240,558	1.0						
Shrink Film	11,540	D10		37,307 R	D10							
Stretch Film	10,705	17,969	N/C	32,452 R	56,347	N/C						
Non-Packaging Film	104,224	86,018	21.2	288,070 R	271,092	6.3						
Carry-Out Bags	9,244	9,667	-4.4	22,822	31,174	-26.8						
Trash and Can Liners	30,069	30,789	-2.3	86,787 R	97,085	-10.6						
Other Non-Packaging Film	64,911	45,562	42.5	178,461 R	142,833	24.9						
Sheet (Over 12 Mils)	5,860	11,254	-47.9	15,948 R	25,429	-37.3						
Injection Molding	31,842	36,158	-11.9	95,138 R	100,894	-5.7						
Injection Molded Lids	6,909	4,162	66.0	20,125 R	12,699	58.5						
Injection Molded Housewares	4,410	3,793	16.3	12,774 R	11,989	6.5						
Other Injection Molding	20,523	28,203	-27.2	62,239 R	76,206	-18.3						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	66,068	D5		188,772 R	D5							
Blow Molding	5,232	5,662	-7.6	14,786 R	15,674	-5.7						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	31,766	91,141	N/C	87,287 R	267,325	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	49,471	39,428	25.5	135,569	107,955	25.6						
Resellers	34,596	30,887	12.0	95,023	81,161	17.1						
Compounders	14,875	8,541	74.2	40,546	26,794	51.3						
Adhesives and Sealants	9,976	D2		27,936	D2							
All Other Uses	25,003	33,232	N/C	76,218	112,931	N/C						

D2 = Disclosure: Included in All Other Uses.

D10 = Disclosure: Shrink Film is included in Stretch Film.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales Include Imports.

R = Revision

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	430,466	306,022	40.7	1,117,190	892,658	25.2	418,239	299,774	39.5	1,090,572	984,943	10.7
Imports, Total							83,675	56,598	47.8	207,448	175,000	18.5
Exports, Total	20,418	14,097	44.8	55,814	31,380	77.9						
Domestic, Total	410,048	291,925	40.5	1,061,376	861,278	23.2	334,564	243,176	37.6	883,124	809,943	9.0
Film (12 Mils & Below)	272,015	169,638	60.4	695,792	551,302	26.2						
Packaging Film	119,263	80,740	47.7	313,347	256,404	22.2						
Food Packaging Film	24,549	13,877	76.9	58,542	45,942	27.4						
Non-Food Packaging Film	63,614	46,283	37.4	168,686	143,215	17.8						
Shrink Film	D10	D10		D10	D10							
Stretch Film	31,100	20,580	51.1	86,119	67,247	28.1						
Non-Packaging Film	152,752	88,898	71.8	382,445	294,898	29.7						
Carry-Out Bags	23,845	15,287	56.0	62,337	51,150	21.9						
Trash and Can Liners	99,419	60,487	64.4	250,494	187,010	33.9						
Other Non-Packaging Film	29,488	13,124	124.7	69,614	56,738	22.7						
Sheet (Over 12 Mils)	1,495	2,829	-47.2	4,474	7,704	-41.9						
Injection Molding	43,439	40,053	8.5	116,266	99,267	17.1						
Injection Molded Lids	16,212	14,920	8.7	45,604	42,113	8.3						
Injection Molded Housewares	17,606	14,733	19.5	43,938	34,731	26.5						
Other Injection Molding	9,621	10,400	-7.5	26,724	22,423	19.2						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	3,703	1,367	170.9	8,135	3,932	106.9						
Pipe and Conduit, Total	6,770	D5		14,811	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	17,576	23,047	N/C	46,484	61,998	N/C						
Rotomolding	28,090	D2		80,874	D2							
Resellers & Compounders, Total	28,450	18,225	56.1	64,611	47,046	37.3						
Resellers	16,179	13,519	19.7	37,750	33,256	13.5						
Compounders	12,271	4,706	160.8	26,861	13,790	94.8						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	8,510	36,766	N/C	29,929	90,029	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Included in Stretch Film.

(6) = Sales include imports.

D = Disclosure

R = Revision

PAGE 6

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940. TOTAL	705,627	688,047	2.6	1,993,880 R	1,926,445	3.5	657,180	727,731	-9.7	1,910,874	1,995,161	-4.2
Exports, Total	51,927	78,556	-33.9	168,547	192,852	-12.5						
Domestic, Total	653,700	609,491	7.3	1,825,333 R	1,733,793	5.3						
Film (12 Mils & Below)	73,888	65,041	13.6	206,870 R	186,582	10.9						
Packaging Film	22,383	16,911	32.4	62,465 R	45,466	37.4						
Food Packaging Film	16,684	11,362	46.6	40,463 R	30,468	32.9						
Non-Food Packaging Film	5,699	5,529	3.1	21,982 R	14,998	46.6						
Non-Packaging Film	51,505	48,130	7.0	144,405 R	141,116	2.3						
Retail Bags	43,198	23,265 F	N/C	111,443 R	69,099	N/C						
Grocery Sacks & T-Shirt Bags	20,557	N/A		56,695 R	N/A							
All Other Retail Bags	7,141	N/A		15,207 R	N/A							
Trash Bags/Can Liners	15,500	D9		39,541 R	D9							
All Other Non-Packaging Film	8,307	24,865	N/C	32,962 R	72,017	N/C						
Sheet (Over 12 Mils)	34,296	25,806	32.9	98,642	76,799	28.4						
Injection Molding, Total	135,482	119,469	13.4	359,555 R	344,749	4.3						
Pails (5 gallons or less)	39,779	36,451	9.1	100,554 R	107,067	-6.1						
Housewares	9,673	10,009	-3.4	25,926	25,421	2.0						
Food Tubs/Containers & Drink Cups	28,485	20,048	42.1	75,682 R	60,038	26.1						
Crates and Totes	17,500	16,014	9.3	41,678 R	40,083	4.0						
Toys/Novelties/Sporting Goods	5,733	N/A		14,752	N/A							
Caps and Closures	18,273	N/A		36,368 R	N/A							
All Other Injection Molding	16,039	36,947	N/C	64,595 R	112,140	N/C						
Wire and Cable	18,603	13,213	25.7	42,902 R	38,235	12.2						
Blow Molding, Total	241,422	253,507	-4.8	719,583 R	712,650	1.0						
Motor Oil Bottles	17,529	15,189	15.4	58,163 R	40,951	42.0						
Liquid Food Bottles	81,078	78,012	3.9	241,462 R	222,422	8.6						
Household Chemical Bottles	77,775	76,255	2.0	221,704	217,433	2.0						
Industrial Drums	9,950	22,664 G	N/C	33,357	66,214	N/C						
Gas Tanks, All Uses	2,275	N/A		7,520	N/A							
Pharm., Cosmetics, & Toiletries	20,181	N/A		57,337	N/A							
All Other Blow Molding	32,634	61,387	N/C	100,040 R	165,630	N/C						
Pipe and Conduit, Total	50,201	38,542	30.3	112,397	109,813	2.4						
Corrugated	11,222	6,046	85.6	23,113	16,894	36.8						
Non-Corrugated	38,979	32,496	20.0	89,284	92,919	-3.9						
Gas Distribution	13,701	N/A		32,289	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	25,278	N/A		56,995	N/A							
Other Extruded Products	7,774	5,582	39.3	20,663	20,493	0.8						
Rotomolding	5,138	6,362	-19.2	16,660	17,290	-3.6						
Reseller & Compounders, Total	62,777	55,288	13.5	178,630	153,261	16.6						
Resellers	58,761	51,801	9.6	167,189	138,654	20.6						
Compounders	6,016	3,487	72.5	11,441	14,607	-21.7						
All Other HDPE	26,117	26,681	-2.1	69,431 R	73,921	-6.1						

D9 = Disclosure: Included in Other Non-Packaging Film.

D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

N/C = Not Comparable.

F = Reported as Carry Out Bags in 1989.

G = Reported as Large Containers in 1989.

N/A = Not Available.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

PAGE 7

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	702,635	636,373	10.4	2,065,383	1,842,090	12.1	704,880	648,563	8.7	2,040,946	1,817,383	12.3
Exports, Total	129,154	109,019	18.5	400,305	302,926	32.1						
Domestic, Total	573,481	527,354	8.7	1,665,078	1,539,164	8.2						
Injection Molding, Total	171,462	154,303	11.1	494,273	450,287	9.8						
Appliances	16,992	14,526	17.0	47,411	39,606	19.7						
Consumer Products	56,050	43,978	27.5	160,621	133,496	20.3						
Rigid Packaging	58,959	49,593	18.9	168,477	150,656	11.8						
Transportation	24,647	22,432	9.9	71,660	75,791	-5.5						
All Other Injection Molding	14,814	23,774	-37.7	46,104	50,738	-9.1						
Blow Molding	13,071	12,634	3.5	37,139	33,139	12.1						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	48,547	50,392	-3.7	147,324	151,510	-2.8						
Oriented Film	39,266	36,356	8.0	118,016	113,173	4.3						
Non-Oriented Film	9,281	14,036	-33.9	29,308	38,337	-23.6						
Sheet (Over 10 Mils), Total	10,912	9,679	12.7	31,879	37,406	-14.8						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	1,864	D5		5,274	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	176,446	159,644	10.5	526,507	493,470	6.7						
Textile Applications	167,843	154,015	9.0	494,253	468,920	5.4						
Nonwovens	45,862	38,719	18.4	151,357	120,788	25.3						
Monofilament & Multifilament Fibers	60,069	86,109	-30.2	169,586	219,987	-22.9						
Slit Film Fibers	61,912	29,187	112.1	173,310	128,145	35.2						
Non-Textile Monofilaments	8,603	5,629	52.8	32,254	24,550	31.4						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	12,995	7,503	N/C	29,147	22,478	N/C						
Resellers/Distributors/Compounders, Total	129,412	123,029	5.2	374,105	334,636	11.8						
Resellers	52,912	83,871 C	N/C	144,807	225,007	N/C						
Distributors	34,406	N/A		103,283	N/A							
Compounders	42,094	39,158	7.5	126,015	109,629	14.9						
All Other Uses	8,772	10,170	-13.7	19,430	16,238	19.7						

D5 = Disclosure; Included in Other Extruded Products.

D = Disclosure

C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable
N/A = Not Available

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL	419,451	447,212	-6.2	1,337,785	1,318,012	1.5	445,214	465,725	-4.4	1,231,839	1,274,441	-3.3
Crystal (Solid) Polystyrene	234,318	235,973 A	N/C	718,020	712,818 A	N/C	168,973	246,545 A	N/C	483,248	710,846 A	N/C
Rubber Modified Polystyrene	185,133	211,239	-12.4	619,765	605,194	2.4	207,789	219,180	-5.2	566,792	563,595	0.6
Expandable Polystyrene	D13			D13			68,452			181,799		
Exports, Total	12,002	19,568	-38.7	52,750	62,521	-15.6						
Crystal (Solid) Polystyrene	7,856	10,507 A	N/C	26,168	32,751 A	N/C						
Rubber Modified Polystyrene	4,146	9,061	-54.2	26,582	29,770	-10.7						
Expandable Polystyrene	D13			D13								
Domestic, Total	407,449	427,644	-4.7	1,285,035	1,255,491	2.4						
Molding	154,625	173,979	-11.1	493,795	506,829	-2.6						
Extrusion	175,000	183,985	-4.9	573,377	518,968	10.5						
Expandable Polystyrene	66,815	52,588	27.1	173,645	174,544	-0.5						
Block	23,107	18,292	26.3	58,722	68,917	-14.8						
Shape	19,744	11,885	66.1	44,696	40,763	9.6						
Loose Fill	D6	D6		D6	D6							
Other EPS	23,964	22,411	6.9	70,227	64,864	8.3						
All Other Uses	11,009	17,092	-35.6	44,218	55,150	-19.8						
Polystyrene End-Uses, Total	407,449	427,644	-4.7	1,285,035	1,255,491	2.4						
Packaging & One Time Use	152,229	157,560 B	-3.4	495,232	451,387 B	9.7						
Consumer & Institutional Products	42,816	69,004	-38.0	138,900	196,085	-29.2						
Electrical/Electronics	59,365	59,828	-0.8	179,734	165,713	8.5						
Furniture, Furnishings, Bldg. & Construction	26,668	25,053	6.4	90,189	75,646	19.2						
Expandable Polystyrene	66,815	52,588	27.1	173,645	174,544	-0.5						
Resellers and Compounders	43,183	43,175	0.0	147,870	121,293	21.9						
All Other End-Uses	16,373	20,436	-19.9	59,465	70,823	-16.0						

D6 = Disclosure: Included in Other EPS

D13 = Included in Crystal(Solid) Polystyrene

A = Reported as Straight Polystyrene in 1989.

B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

N/C = Not Comparable

D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	107,757	109,042	-1.2	289,752	338,940	-14.5	92,838	116,391	-20.2	262,565	357,092	-26.5
SAN (STYRENE-ACRYLONITRILE), TOTAL	9,432	9,258	1.9	29,498	26,255	12.4	10,242	11,650	-12.1	30,662	30,445	0.7
Total Exports	1,661	3,326	-50.1	7,353	8,048	-8.6						
Total Domestic	7,771	5,932	31.0	22,145	18,207	21.6						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	15,686	13,819	13.5	39,395 R	41,633	-5.4	13,194	14,255	-7.4	36,405 R	40,467	-10.0
ABS, SAN, & OTHER STYRENICS, TOTAL	132,875	132,119	0.6	358,645 R	406,828	-11.8	116,274	142,296	-18.3	329,632 R	428,004	-23.0
Total Exports	N.R. 1	N.R. 1		N.R. 1	N.R. 1							
Total Domestic	132,875	132,119	0.6	358,645 R	406,828	-11.8						
Electrical/Electronics	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
Building & Construction	15,283	15,277	0.0	36,672	43,418	-15.5						
Transportation	34,157	33,232	2.8	91,548	112,512	-18.6						
Consumer & Institutional	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
All Other Uses	83,435	83,610	-0.2	230,425 R	250,898	-8.2						
STYRENE BASED LATEXES, TOTAL *	95,819	91,450	4.8	267,632	256,947	4.2	94,944	87,202	8.9	258,831	242,836	6.6
Carpet Backing	28,568	33,943	-15.8	90,577	92,689	-2.3						
All Other Uses	67,251	57,507 E	16.9	177,055	164,258 E	7.8						
NYLON RESINS, TOTAL (6)	48,449	54,305	-10.8	136,024	154,963	-12.2	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	4,910	5,967	-17.7	16,090	18,953	-15.1						
Domestic, Total	43,539	48,338	-9.9	119,934	136,010	-11.8	49,162	46,591	5.5	136,838 R	144,506	-5.3
Injection Molding Grade	25,347	29,245	-13.3	69,882	81,550	-14.3						
Extrusion Grade	13,853	13,099	5.8	38,518	38,861	-0.9						
Resellers & Compounders	3,767	4,496	-16.2	9,623	11,094	-13.3						
All Other Uses	572	1,498	-61.8	1,911	4,505	-57.6						
Nylon End-Uses, Total	43,539	48,338	-9.9	119,934	136,010	-11.8						
Automotive and Truck	14,683	N/A		38,466	N/A							
Electrical and Electronic	5,229	N/A		15,282	N/A							
Appliances	1,220	N/A		3,191	N/A							
Film and Coating	6,171	N/A		17,647	N/A							
Wire and Cable	3,423	N/A		9,209	N/A							
Monofilament	2,047	N/A		5,819	N/A							
Consumer	1,684	N/A		4,611	N/A							
Industrial/Machinery	3,914	N/A		11,349	N/A							
All Other End-Uses	5,168	N/A		14,360	N/A							

N.R.1 - Not Reported; Included in Total Domestic and All Other Uses.

N.R.2 - Not Reported; Included in All Other Uses.

* - Styrene Based Latexes Sales include some Canadian produced material.

E - Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

D = Disclosure

N/A = Not Available

(6) - Includes sales from imports.

PAGE 10

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	783,914	737,194	6.3	2,299,139	2,120,761	8.4	793,057	792,049	0.1	2,238,714	2,174,877	2.9
Homopolymer Resins, Including Blending & Latex	723,465	670,828	7.8	2,129,383	1,939,832	9.8	730,596	721,169	1.3	2,055,907	1,984,892	3.6
Copolymer Resins, Including Blending & Latex	18,212	21,989	-17.2	51,931	53,305	-2.6	18,249	24,522	-25.6	51,417	59,772	-14.0
Dispersion Resins	42,237	44,377	-4.8	117,825	127,624	-7.7	44,212	46,358	-4.6	131,390	130,213	0.9
Exports, Total	73,571	57,529	27.9	242,951	144,652	68.0						
Domestic, Total	710,343	679,665	4.5	2,056,188	1,976,109	4.1						
Calendering, Total	81,881	80,159	2.1	237,672	213,551	11.3						
Flooring	20,039	20,399	-1.8	55,282	51,138	8.1						
Textile	9,348	11,784	-20.7	27,663	29,337	-5.7						
All Other Calendering Uses	52,494	47,976	9.4	154,727	133,076	16.3						
Coating, Total	29,104	34,350	-15.3	79,516	97,305	-18.3						
Flooring	13,525	14,853	-8.9	35,513	40,315	-11.9						
Textile and Paper Coating	7,403	9,710	-23.8	21,265	27,848	-23.6						
Protective Coatings	3,873	4,704	-17.7	11,231	14,024	-19.9						
Adhesives & All Other Coating Uses	4,303	5,083	-15.3	11,507	15,118	-23.9						
Extrusion, Total	475,687	461,171	3.1	1,388,501	1,340,717	3.6						
Wire and Cable	37,268	37,258	0.0	103,583	101,820	1.7						
Film and Sheet, Packaging	29,045	29,309	-0.9	86,148	82,490	4.4						
Film and Sheet, Non-Packaging	4,467	3,999	11.7	12,514	13,945	-10.3						
Siding, Siding Acc. & Mobile Home Skirting	69,049	64,324	7.3	207,686	191,248	8.6						
Rigid Pipe and Tubing (except fittings)	283,907	277,271	2.4	822,276	816,026	0.8						
All Other Extrusion Uses	51,951	49,006	6.0	156,294	135,188	15.6						
Molding, Total	46,979	45,163	4.0	135,466	140,491	-3.6						
Bottles	20,286	18,530	9.5	56,186	58,424	-3.8						
Fittings (Rigid Pipe and Tubing)	15,006	13,286	12.9	43,971	42,203	4.2						
All Other Molding Uses	11,687	13,347	-12.4	35,309	39,864	-11.4						
Paste Processes (except coating), Total	15,333	16,305	-6.0	41,601	45,270	-8.1						
Plastisol Formulation	8,450	8,431	0.2	22,790	24,216	-5.9						
All Other Paste Process Uses	6,883	7,874	-12.6	18,811	21,054	-10.7						
Resellers & Compounders	30,403	25,271	20.3	90,858	85,884	5.8						
All Other Uses	30,956	17,246	79.5	82,574	52,891	56.1						

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	16,775	16,748	0.2	50,546 R	53,132	-4.9	20,524	17,687	16.0	61,083 R	57,081	7.0
Exports, Total	6,561	5,775	13.6	18,101 R	18,377	-1.5						
Domestic, Total	10,214	10,973	-6.9	32,445 R	34,755	-6.6						
THERMOPLASTIC POLYESTER, TOTAL (6)	167,124	147,474	13.3	448,368	407,990	9.9	160,246	150,522	6.5	436,713	403,061	8.3
Exports, Total	34,029	19,747	72.3	85,671	63,808	34.3						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	133,095	127,727	4.2	362,697	344,182	5.4						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	92,211	86,199	7.0	248,367	221,266	12.2						
PET/PBT Resellers & Compounders	N.R. 4	N/A		N.R. 4	N/A							
All Other Thermoplastic Polyester	40,884	41,528	-1.6	114,330	122,916	-7.0						

(2) - The publishing of PVAC data has been suspended.

(3) - The publishing of PVOH data has been suspended.

(4) - Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R. 4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

MARCH 1990

RESIN CODING CLASSIFICATIONS

EPOXY (UNMODIFIED RESINS)	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW	LLDPE
HIGH DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENICS - over 40% styrene	OSBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAC
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Imports	I
Domestic Sales & Captive Use	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC. LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	L D P E	H D P E	P P	A B S	S A N	P S	S B L	O S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N T P Y
ADVANCE COATING COMPANY		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS																PDE	DE	PDE	
ALLIED CHEMICAL COMPANY								PDE							PDE				PDE
ALLIED-BENDIX CORPORATION					PD														
ALPHA CHEMICAL CORPORATION		PD																	
AMERICAN CYANAMID COMPANY				PDE															
AMERICAN POLYMERS, INC.											PD								
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION									PDE			PDE							
ANDERSON DEVELOPMENT COMPANY														PD					
ARCO CHEMICAL CORPORATION												PDE		PDE					
ARISTECH CHEMICAL COMPANY		PDE							PDE										
ASHLAND CHEMICAL COMPANY		PDE			PD														
ATOCHEM															PDE				
BASF CORPORATION										PDE	PD	PDE	PD	PD	PDE				PDE
BELDING CHEMICAL INDUSTRIES															PDE				
BORDEN CHEMICAL COMPANY			PD	PD	PD											PDE			

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC. LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	L D P E	H D P E	P P	A B S	S A N	P S	S B L	O S B P	N Y L O N	P V C	P V C	P V C	O V T I H N E Y R L	T P Y
CELANESE CHEMICAL COMPANY																	D			
CERTAINTED PRODUCTS CORPORATION																PD				
NESTE CHEMICALS			PD	PD	PD															
CHEVRON CHEMICAL CORPORATION						PDE		PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																			
COOK PAINT & VARNISH		PD																		
CUSTOM RESINS, INC.															PD					
DART CONTAINER												PD								
GENCORP													PD							
DOW CHEMICAL USA	PDE	PDE				PDEI	PDEI	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
DUPONT CANADA							DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDE									PDEI			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE			PDE											PDE
EMSER INDUSTRIES															PDEI					
ESSO CHEMICAL CORPORATION							DI													
EXXON CHEMICAL AMERICAS						PDEI	PDEI	PDE	PDE											
FINA OIL & CHEMICAL CORPORATION									PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	L D P E	H D P E	P P	A B S	S A N	S P S	S B L	O S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N T P Y
FORMOSA PLASTICS CORPORATION																PD			
FREEMAN CHEMICAL CORPORATION		PD																	
GENERAL ELECTRIC PLASTICS COMPANY										PDE	PD			PD					PDE
GENESIS POLYMERS									PDE										
GEORGIA-GULF CORPORATION																PDE			
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS & RESINS		PD																	
B. F. GOODRICH CHEMICAL COMPANY											PDE					PDE			
GOODYEAR CHEMICAL DIVISION													PDE	PDE		PDE			PDE
W. R. GRACE & COMPANY										PD							D		PDE
GRIFFTEX CHEMICAL COMPANY			PD	PD															
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.								PDE	PDE										
HOECHST-CELANESE				PDE	PDE			PDE							PDE				PDE
HUNTSMAN CHEMICAL CORPORATION									PDE			PDE							
HI-TEK	PDE		PD	PD															
ICI AMERICAS, INC.																			PD
INTERPLASTICS CORPORATION		PD																	
IRONSIDES COMPANY					PD														

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC. LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	E P O X Y	P Y	U R E A	M E L A	P H E N	L D P E	L D P E	H D P E	P P	A B S	S A N	P S	S B L	O S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N E Y R L	T P Y
KEYSOR-CENTURY CORPORATION																PD				
LYONDELL						PDE			PDE											
MASONITE CORPORATION					PD															
MOBAY CORPORATION															DEI					
MOBIL CHEMICAL COMPANY						PDE	PDE	PDE				PDE								
MONSANTO COMPANY			PD	PD						PDE	PDE			PD	PDE		DE		PDE	
MORTON INDUSTRIES													PDE	PD					PDE	
NOVA PLASTICS						DI	DI													
NYLON CORPORATION OF AMERICA															PD					
OXYCHEM					PDE			PDE								PDE				
OWENS-CORNING FIBERGLASS		PDE		PD	PD															
PHILLIPS 66 COMPANY							PDE	PDE	PDE											
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
POLYSAR, INC.												PDE								
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE	PDE								D			
REICHOLD CHEMICALS, INC.	PDE	PDE											PDE				DE			
REXENE CORPORATION						PDE			PDE											

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC. LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	E P O X Y	P P Y	U R E A	M E L A	P H E N	L D P E	L D P E	H D P E	P P	A B S	S A N	P S	S B L	O S B P	N Y L O N	P V C	P V A C	P V O H	O V T I H N E Y R L	T P Y
ROGERS CORPORATION	PDE				PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	
SCOTT POLYMERS												PD								
SEQUA CHEMICAL																	DE			
SHAKESPEARE COMPANY															PDE					
SHELL CHEMICAL COMPANY	PDE								PDE											
SHEREX POLYMERS		PD																		
SHINTECH, INC.																PDE				
SILMAR		PDE																		
SOLTEX POLYMERS							PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PD	PD	PD	PD															
UNION CARBIDE CORPORATION	PDE					PDEI	PDEI	PDE												
UNION CHEMICAL													PD				D		PD	
VALCHEM			PD																	
VALITE DIV. OF VALENTINE SUGARS, INC.					PD															
VISTA CHEMICAL COMPANY																PDE				
VYGEN CORPORATION																PDE				
WELLMAN, INC.															PDE					
WEST LAKE POLYMERS						PDE														
TOTAL	7	14	9	10	16	12	10	12	14	5	5	13	7	10	13	12	9	2	7	8

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

17920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

FEBRUARY 28, 1990

DATA FOR CALCULATING
APPARENT CONSUMPTION OF
THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: JUNE 14, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

FEBRUARY 1990

RESIN KIND	FEBRUARY				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	42.9	29.3	1.4	5.3	77.8	60.9	2.4	12.0
POLYESTER (UNSATURATED) RESINS, TOTAL	101.6	97.3	0.0	4.6	211.6	204.4	0.6	12.7
UREA RESINS, TOTAL **	116.8	116.6	1.5	3.1	241.0	241.1	3.0	6.0
MELAMINE RESINS, TOTAL **	14.3	11.7	0.4	1.2	29.1	24.7	0.7	2.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	233.6	231.7	3.5	7.8	487.6	483.9	7.0	15.5
THERMOSETTING RESINS, TOTAL	509.2	486.6	6.8	22.0	1,047.1	1,015.0	13.7	48.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	560.1	491.2	19.1	58.0	1,143.1	1,002.6	37.3	130.5
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	272.0	337.5	68.8	18.2	548.6	651.3	132.9	46.1
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	616.2	583.4	37.9	65.2	1,253.7	1,175.1	74.7	100.8
POLYPROPYLENE, TOTAL	666.3	542.0	4.6	134.2	1,336.1	1,091.6	11.1	302.1
ABS RESINS, TOTAL **								
(ACRYLONITRILE-BUTADIENE-STYRENE)	77.6	87.3	6.9	12.1	169.7	182.0	12.6	23.7
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	10.0	7.0	0.7	4.7	20.4	14.4	1.5	11.8
OTHER STYRENICS **	87.9	95.8	0.0	13.1	188.1	196.5	7.3	44.1
POLYSTYRENE RESINS, TOTAL	372.0	436.7	5.1	17.3	786.6	877.6	15.0	42.2
NYLON RESINS, TOTAL (6)	41.0	38.6	4.3	12.0	87.7	76.4	26.0	213.0
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	724.5	702.0	13.0	89.3	1,445.7	1,345.8	14.2	93.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS			N/A	N/A			N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	138.9	116.4	3.0	36.9	276.5	229.6	3.0	36.9
THERMOPLASTIC RESINS, TOTAL	3,566.5	3,437.9	163.4	461.0	7,256.2	6,842.9	335.6	1,045.1
GRAND TOTAL	4,075.7	3,924.5	170.2	483.0	8,303.3	7,857.9	349.3	1,093.8

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH + PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

Sources: Sales and Production - SPI Monthly Statistical Report
Imports - Bureau of the Census (IM 145)
Exports - Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.



Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

APRIL 30, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

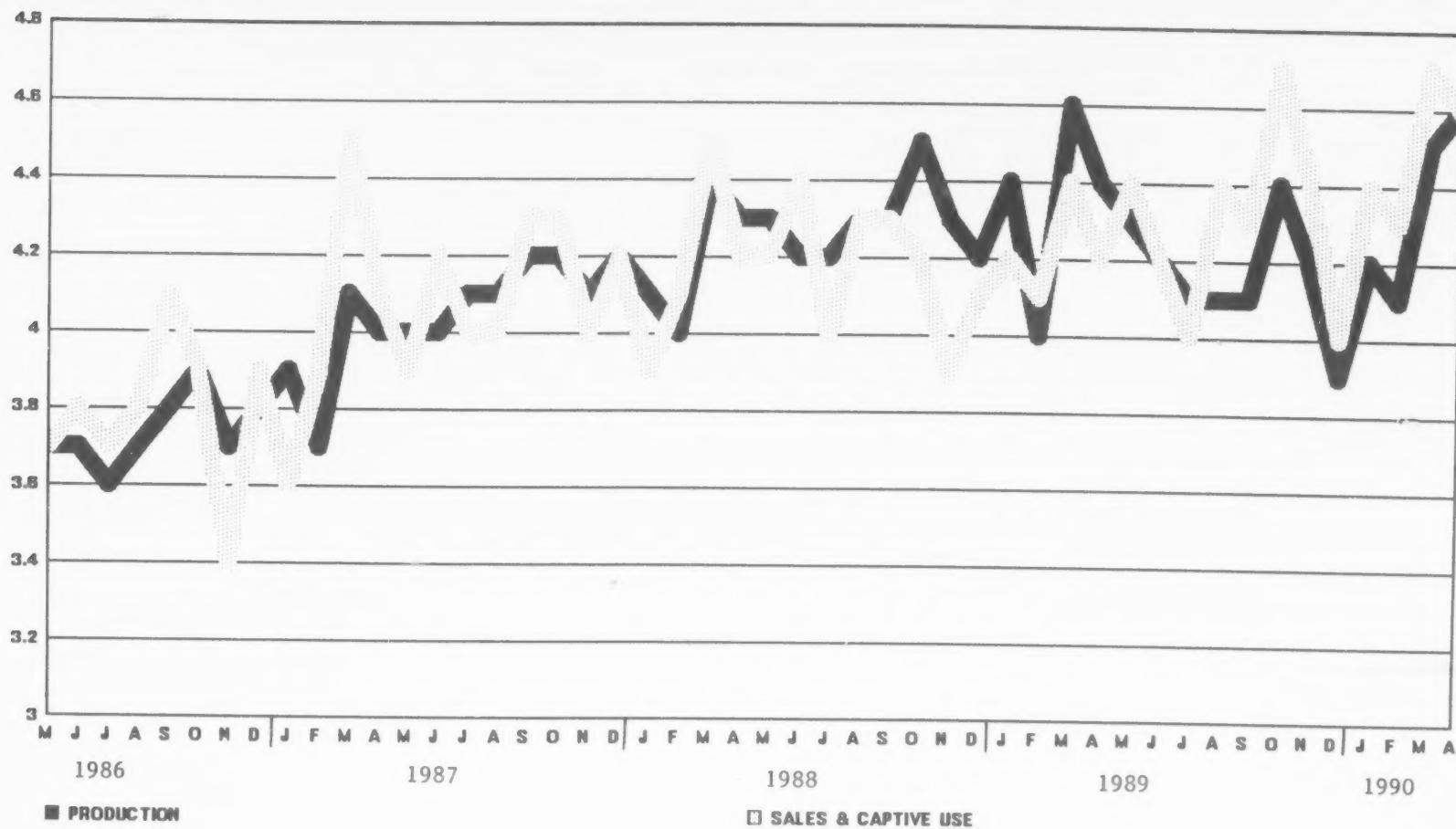
Release Date: June 14, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

APRIL 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

APRIL 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	39,875	41,804	-4.6	153,478	166,090	-7.6	42,443	43,588	-2.6	169,379 R	176,808	-4.2
POLYESTER (UNSATURATED) RESINS, TOTAL	111,583	117,793	-5.3	425,610	457,840	-7.0	109,542	118,845	-7.8	430,184	458,755	-6.2
UREA RESINS, TOTAL	131,956	122,126	8.0	504,299 R	461,718	9.2	137,511	123,774	11.1	524,008 R	484,818	12.7
MELAMINE RESINS, TOTAL	13,631	17,594	-22.5	54,490 R	72,346	-24.7	18,020	18,505	-2.6	63,745 R	76,432	-16.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	272,443	268,982	1.3	1,013,126 R	979,382	3.4	272,457	269,388	1.1	1,018,467 R	992,960	2.6
THERMOSETTING RESINS, TOTAL	569,488	568,299	0.2	2,151,003 R	2,137,376	0.6	579,973	574,096	1.0	2,205,783 R	2,169,773	1.7
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	580,731	533,576	8.8	2,347,256	2,218,154	5.8	635,014	564,933	12.4	2,392,046	2,348,520	1.9
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	394,382	276,668	42.5	1,511,572	1,169,326	29.3	308,578	254,542	21.2	1,191,702	1,064,485	12.0
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	700,061	665,729	5.2	2,693,941	2,592,174	3.9	697,194	687,036	1.5	2,608,068	2,682,197	-2.8
POLYPROPYLENE, TOTAL	667,894	623,345	7.1	2,744,277 R	2,465,435	11.3	695,413	673,377	3.3	2,748,359 R	2,490,760	10.3
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	109,877	116,519	-5.7	399,629	455,459	-12.3	110,613	127,424	-13.2	373,178	484,516	-23.0
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	11,333	10,813	4.8	40,831	37,068	10.2	10,786	10,121	6.6	41,448	40,566	2.2
POLYSTYRENE RESINS, TOTAL	411,892	422,005	-2.4	1,749,677	1,740,017	0.6	414,862	439,526	-5.6	1,646,701	1,713,967	-3.9
STYRENE BASED LATEXES, TOTAL ***	93,149	83,996	10.9	360,452 R	340,943	5.7	89,112	87,249	2.1	344,903 R	330,085	4.5
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,494	13,279	1.6	52,889	54,912	-3.7	12,667	12,265	3.3	49,072	52,732	-6.9
NYLON RESINS (6)	47,023	49,945	-5.9	183,083 R	204,908	-10.7	47,018	53,395	-11.9	183,856	197,901	-7.1
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	787,756	679,343	16.0	3,086,895	2,800,104	10.2	774,614	715,236	8.3	3,011,241 R	2,890,113	4.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	14,583	15,163	-3.8	65,129	68,295	-4.6	16,963	16,975	-0.1	78,046	74,056	5.4
THERMOPLASTIC POLYESTER, TOTAL (6)	159,980	141,869	12.8	608,348	549,859	10.6	167,856	153,020	9.7	604,569	556,081	8.7
THERMOPLASTIC RESINS, TOTAL	3,992,155	3,832,250	9.9	15,843,979 R	14,666,654	7.8	3,980,660	3,795,099	4.9	15,273,189 R	14,925,979	2.3
GRAND TOTAL	4,581,643	4,200,549	8.6	17,994,982 R	16,834,030	6.9	4,560,663	4,369,195	4.4	17,478,972 R	17,095,752	2.2

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinyliden

(6) = Data Includes Sales from Imports.

R = Revision.

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Page 2

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	39,875	41,804	-4.6	153,478	166,090	-7.6	42,443	43,586	-2.6	169,379 R	176,808	-4.2
Exports, Total	7,098	8,374	-15.2	25,446	30,310	-16.0						
Captive Use, Total	1,291	1,208	6.9	5,878	4,804	22.4						
Domestic Sales, Total	31,486	32,222	-2.3	122,154	130,976	-6.7						
Domestic Sales & Captive Use, Total	32,777	33,430	-2.0	128,032	135,780	-5.7						
Bonding & Adhesives	2,331	2,099	11.1	8,923	8,925	0.0						
Flooring, Paving & Exposed Aggregate	2,175	1,990	9.3	8,656	7,794	11.1						
Protective Coatings	16,428	16,359	0.4	61,447	66,304	-7.3						
Fiber Reinforced Laminates & Composites	6,612	7,318	-9.6	28,173	29,931	-5.9						
FRL&C for Printed Wiring Board	4,327	5,219	-17.1	18,922	21,202	-10.8						
All Other FRL&C	2,285	2,099	8.9	9,251	8,729	6.0						
Tooling, Casting & Molded Resins	2,519	2,372	6.2	8,575	10,300	-16.7						
All Other Uses	2,712	3,292	-17.6	12,258	12,526	-2.1						
POLYESTER (UNSATURATED) RESINS, TOTAL	111,583	117,793	-5.3	425,610	457,840	-7.0	109,542	118,845	-7.8	430,184	458,755	-6.2
Total Exports	2,220	1,362	63.0	7,443	7,214	3.2						
Total Domestic	109,363	116,431	-6.1	418,167	450,626	-7.2						
General Purpose Resins, Total	95,341	101,630	-6.2	362,658	389,639	-6.9						
General Purpose - Thixotropic	38,153	45,670	-16.5	142,872	175,028	-18.4						
General Purpose - Press Molding	12,615	10,811	16.7	48,628	42,730	13.8						
General Purpose - Panel	7,854	N/A		29,155	N/A							
General Purpose - All Other	36,719	45,122	-18.6	142,003	171,881	-17.4						
Flame Retardant Resins	1,885	2,103	-10.4	7,783	7,921	-1.7						
Chemical Resistant Resins, Total	12,137	12,725	-4.6	47,726	53,066	-10.1						
Chemical Resistant Isophthalic Resins	8,728	9,765	-10.6	34,797	41,100	-15.3						
All Other Chemical Resistant Resins	3,409	2,960	15.2	12,929	11,966	8.0						
Reinforced Plastics, Total	80,343	88,780	-9.5	308,083	343,064	-10.2						
Non-Reinforced Plastics, Total	29,020	27,651	5.0	110,084	107,562	2.3						

R = Revision

N/A = Not Available

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	131,956	122,126	8.0	504,299 R	461,718	9.2	137,511	123,774	11.1	524,008 R	464,818	12.7
MELAMINE RESINS, TOTAL	13,631	17,594	-22.5	54,490 R	72,346	-24.7	18,020	18,505	-2.6	63,745 R	76,432	-16.6
UREA & MELAMINE RESINS, TOTAL	145,587	139,720	4.2	558,789 R	534,064	4.6	155,531	142,279	9.3	587,753 R	541,250	8.6
Total Exports	D1	D1		D1	D1							
Total Domestic	145,587	139,720	4.2	558,789 R	534,064	4.6						
Textile Coating & Treating Resins	2,071	2,182	-5.1	8,545 R	8,206	4.1	5,918	2,326	154.4	17,045 R	9,932	71.6
Paper Coating & Treating Resins	5,191	3,849	34.9	18,493	17,284	7.0	5,394	3,898	38.4	18,981	18,465	2.8
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	114,911	114,650	0.2	443,247 R	434,575	2.0	119,756	115,387	3.8	462,123 R	432,551	6.8
Laminating	1,470	4,255	-65.5	8,076	28,179	-71.3	1,605	3,697	-56.6	8,359	23,293	-64.1
Plywood	5,485	10,179	-46.1	18,949	24,980	-24.1	5,670	10,111	-43.9	19,248	25,544	-24.6
Fibrous & Granulated Wood (Particle Board)	107,956	100,216	7.7	416,222 R	381,416	9.1	112,481	101,579	10.7	434,516 R	383,714	13.2
Protective Coatings (Straight & Modified)	8,207	8,885	-7.6	31,237	38,519	-18.9	12,534	11,640	7.7	41,543	48,308	-14.0
All Other Uses	15,207	10,154	49.8	57,267 R	35,480	61.4	11,929	9,028	32.1	48,061 R	31,994	50.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	272,443	268,982	1.3	1,013,126 R	979,382	3.4	272,457	269,386	1.1	1,018,467 R	992,960	2.6
Total Exports	2,649	2,028	30.6	7,987	6,075	31.5						
Total Domestic	269,794	266,954	1.1	1,005,139 R	973,307	3.3						
Molding Compounds	15,448	16,773	-7.9	57,429	62,618	-8.3	18,432	16,082	14.6	66,144	67,948	-2.7
Bonding & Adhesive Resins for:	250,955	246,880	1.7	934,952 R	895,487	4.4	251,002	248,414	1.0	939,395 R	907,820	3.5
Laminating	16,674	22,198	-24.9	59,948	71,593	-16.3	16,439	22,195	-25.9	60,188	74,734	-19.5
Coated & Bonded Abrasives	2,710	2,604	4.1	9,607 R	9,441	1.8	2,530	2,609	-3.0	9,371 R	10,602	-11.6
Friction Materials	4,281	3,512	21.9	15,593 R	13,643	14.3	3,776	3,358	12.4	15,883 R	13,925	14.1
Insulation Materials	36,205	39,271	-7.8	137,644 R	142,693	-3.5	37,672	39,619	-4.9	142,607 R	146,694	-2.8
Foundry & Shell Molding	6,819	5,182	31.6	25,839	15,243	69.5	6,613	5,097	29.7	25,261	15,800	59.9
Plywood	D3	134,616		D3	503,414		D3	135,657		D3	504,179	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	1,834		D3	4,668		D3	1,944		D3	5,106	
All Other	184,266	37,663	N/C	686,321 R	134,792	N/C	183,972	37,935	N/C	686,085 R	136,780	N/C
Protective Coatings - Unmodified & Modified	D2	985		D2	4,705		D2	966		D2	4,238	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,391	2,316	N/C	12,758	10,497	N/C	3,023	3,924	N/C	12,928	12,954	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.

D2 = Disclosure: Included in All Other Uses.

D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.

N/C = Not Comparable.

R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	580,731	533,576	8.8	2,347,256	2,218,154	5.8	644,799	574,872	12.2	2,443,932	2,380,333	2.7
Imports, Total							9,785	9,939	-1.5	51,886	31,813	63.1
Exports, Total	59,561	86,813	-31.4	268,845	306,945	-12.4						
Domestic, Total	521,170	446,763	16.7	2,078,411	1,911,209	8.7	635,014	564,933	12.4	2,392,046	2,348,520	1.9
Film (12 Mils & Below)	306,371	255,954	19.7	1,221,958	1,090,192	12.1						
Packaging Film	205,738	178,087	15.5	833,255	741,233	12.4						
Food Packaging Film	94,407	86,835	8.7	409,267	353,076	15.9						
Non-Food Packaging Film	88,203	71,870	22.7	331,101	312,428	6.0						
Shrink Film	12,106	D10		49,413	D10							
Stretch Film	11,022	19,382	N/C	43,474	75,729	N/C						
Non-Packaging Film	100,633	77,867	29.2	388,703	348,959	11.4						
Carry-Out Bags	11,129	10,020	11.1	33,951	41,194	-17.6						
Trash and Can Liners	33,270	30,266	9.9	120,057	127,351	-5.7						
Other Non-Packaging Film	56,234	37,581	49.6	234,695	180,414	30.1						
Sheet (Over 12 Mils)	7,371	7,124	3.5	23,319	32,553	-28.4						
Injection Molding	29,094	32,644	-10.9	124,232	133,538	-7.0						
Injection Molded Lids	6,475	2,666	142.9	26,600	15,365	73.1						
Injection Molded Housewares	3,599	3,295	9.2	16,373	15,284	7.1						
Other Injection Molding	19,020	26,683	-28.7	81,259	102,889	-21.0						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	66,899	D5		255,671	D5							
Blow Molding	5,066	4,810	5.3	19,852	20,484	-3.1						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	32,182	80,693	N/C	119,469	348,018	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	45,827	45,149	1.5	181,396	153,104	18.5						
Resellers	32,885	34,648	-5.1	127,908	115,809	10.4						
Compounders	12,942	10,501	23.2	53,488	37,295	43.4						
Adhesives and Sealants	9,342	D2		37,728	D2							
All Other Uses	19,018	20,389	N/C	95,236	133,320	N/C						

D2 = Disclosure: Included in All Other Uses.

D10 = Disclosure: Included in Stretch Film.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales Include Imports.

N/C = Not Comparable

SECTION II - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	394,382	276,668	42.5	1,511,572	1,169,326	29.3	377,004	303,594	24.2	1,467,576	1,288,537	13.9
Imports, Total							68,426	49,052	39.5	275,874	224,052	23.1
Exports, Total	17,224	11,289	52.6	73,038	42,669	71.2						
Domestic, Total	377,158	265,379	42.1	1,438,534	1,126,657	27.7	308,578	254,542	21.2	1,191,702	1,064,485	12.0
Film (12 Mils & Below)	252,273	169,085	49.2	948,065	720,387	31.6						
Packaging Film	103,040	81,930	25.8	416,387	338,334	23.1						
Food Packaging Film	17,041	16,380	4.0	75,583	62,322	21.3						
Non-Food Packaging Film	58,807	44,563	32.0	227,493	187,778	21.1						
Shrink Film	D10	D10		D10	D10							
Stretch Film	27,192	20,987	29.6	113,311	88,234	28.4						
Non-Packaging Film	149,233	87,155	71.2	531,678	382,053	39.2						
Carry-Out Bags	20,161	14,596	38.1	82,498	65,746	25.5						
Trash and Can Liners	98,986	64,187	54.2	349,480	251,197	39.1						
Other Non-Packaging Film	30,086	8,372	259.4	99,700	65,110	53.1						
Sheet (Over 12 Mils)	734	1,301	-43.6	5,208	9,005	-42.2						
Injection Molding	42,730	29,549	44.6	158,996	128,816	23.4						
Injection Molded Lids	14,974	13,899	7.7	60,578	56,012	8.2						
Injection Molded Housewares	18,432	11,284	63.3	62,370	46,015	35.5						
Other Injection Molding	9,324	4,366	113.6	36,048	26,789	34.6						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	3,051	1,084	181.5	11,186	5,016	123.0						
Pipe and Conduit, Total	6,540	D5		21,351	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	15,744	19,740	N/C	62,228	81,738	N/C						
Rotomolding	27,344	D2		108,218	D2							
Resellers & Compounders, Total	16,600	19,298	-14.0	81,211	66,344	22.4						
Resellers	6,333	14,153	-55.3	44,083	47,409	-7.0						
Compounders	10,267	5,145	99.6	37,128	18,935	96.1						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	12,142	25,322	N/C	42,071	115,351	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

D10 = Disclosure: Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

N/C = Not Comparable

PAGE 6

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SECTION II - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940. TOTAL	700,061	665,729	5.2	2,693,941	2,592,174	3.9	697,194	687,036	1.5	2,608,068	2,682,197	-2.8
Exports, Total	52,347	71,317	-26.6	220,894	263,969	-16.3						
Domestic, Total	647,714	594,412	9.0	2,473,047	2,328,205	6.2						
Film (12 Mils & Below)	85,015	68,414	24.3	292,015 R	254,996	14.5						
Packaging Film	22,894	15,398	48.7	85,359	60,864	40.2						
Food Packaging Film	16,058	9,816	63.6	56,541	40,284	40.4						
Non-Food Packaging Film	6,836	5,582	22.5	28,818	20,580	40.0						
Non-Packaging Film	62,121	53,016	17.2	206,656 R	194,132	6.5						
Retail Bags	46,304	28,003 F	N/C	157,877 R	97,102	N/C						
Grocery Sacks & T-Shirt Bags	25,001	N/A		81,696	N/A							
All Other Retail Bags	6,824	N/A		22,044 R	N/A							
Trash Bags/Can Liners	14,479	D9		54,137 R	D9							
All Other Non-Packaging Film	15,817	25,013	N/C	48,779	97,030	N/C						
Sheet (Over 12 Mils)	33,847	27,647	22.4	132,489	104,446	26.8						
Injection Molding, Total	124,658	115,790	7.7	484,213	460,539	5.1						
Pails (5 gallons or less)	35,115	34,099	3.0	135,669	141,166	-3.9						
Housewares	7,425	8,269	-10.2	33,351	33,690	-1.0						
Food Tubes/Containers & Drink Cups	26,346	18,689	41.0	102,028	76,727	29.6						
Crates and Totes	14,118	14,699	-4.0	55,796	54,782	1.9						
Toys/Novelties/Sporting Goods	6,971	N/A		21,723	N/A							
Caps and Closures	8,088	N/A		44,456	N/A							
All Other Injection Molding	26,595	40,034	N/C	91,190	152,174	N/C						
Wire and Cable	15,151	11,710	29.4	58,053	49,945	16.2						
Blow Molding, Total	225,015	235,063	-4.3	944,598	947,713	-0.3						
Motor Oil Bottles	17,245	15,592	10.6	75,406	56,543	33.4						
Liquid Food Bottles	74,223	72,914	1.8	315,685	295,336	6.9						
Household Chemical Bottles	68,546	72,270	-5.2	290,250	289,703	0.2						
Industrial Drums	11,400	20,995 G	N/C	44,757	87,209	N/C						
Gas Tanks, All Uses	2,651	N/A		10,171	N/A							
Pharm., Cosmetics, & Toiletries	19,913	N/A		77,250	N/A							
All Other Blow Molding	31,037	53,292	N/C	131,077	218,922	N/C						
Pipe and Conduit, Total	50,866	41,114	23.7	163,263	150,927	8.2						
Corrugated	9,472	9,107	4.0	32,585	26,001	25.3						
Non-Corrugated	41,394	32,007	29.3	130,678	124,926	4.6						
Gas Distribution	15,342	N/A		47,631	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	26,052	N/A		83,047	N/A							
Other Extruded Products	6,445	3,907	65.0	27,106	24,400	11.1						
Rotomolding	6,853	5,974	14.7	23,513	23,264	1.1						
Reseller & Compounders, Total	71,550	59,955	19.3	250,180	213,216	17.3						
Resellers	67,133	53,210	26.2	234,322	191,864	22.1						
Compounders	4,417	6,745	-34.5	15,858	21,352	-25.7						
All Other HDPE	28,314	24,838	14.0	97,615 R	98,759	-1.2						

D9 = Disclosure: Included in Other Non-Packaging Film.

D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

N/C = Not Comparable.

N/A = Not Available

R = Revision

F = Reported as Carry Out Bags in 1989.

G = Reported as Large Containers in 1989.

SECTION II - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	667,894	623,345	7.1	2,744,277 R	2,465,435	11.3	695,413	673,377	3.3	2,748,359 R	2,490,760	10.3
Exports, Total	117,376	121,048	-3.0	522,681 R	423,974	23.3						
Domestic, Total	550,518	502,297	9.6	2,221,596 R	2,041,461	8.8						
Injection Molding, Total	167,874	158,145	6.2	664,147 R	608,432	9.2						
Appliances	14,866	15,256	-2.6	62,277	54,862	13.5						
Consumer Products	57,069	48,538	17.6	217,690	182,034	19.6						
Rigid Packaging	55,759	51,631	8.0	225,236 R	202,287	11.3						
Transportation	24,063	21,651	11.1	96,723 R	97,442	-0.7						
All Other Injection Molding	16,117	21,069	-23.5	62,221	71,807	-13.3						
Blow Molding	11,970	9,076	31.9	49,109	42,215	16.3						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	48,501	49,411	-1.8	195,825	200,921	-2.5						
Oriented Film	38,021	41,098	-7.5	156,037	154,271	1.1						
Non-Oriented Film	10,480	8,313	26.1	39,788	46,650	-14.7						
Sheet (Over 10 Mils), Total	12,190	11,821	3.1	44,069	49,227	-10.5						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	983	D5		7,257 R	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	181,200	157,019	15.4	709,707 R	650,489	9.1						
Textile Applications	168,338	147,873	13.8	664,591 R	616,793	7.7						
Nonwovens	53,492	36,347	47.2	204,849	157,135	30.4						
Monofilament & Multifilament Fibers	59,966	68,688	-12.7	231,552 R	288,675	-19.8						
Slit Film Fibers	54,880	42,838	28.1	228,190	170,983	33.5						
Non-Textile Monofilaments	12,862	9,146	40.6	45,116	33,696	33.9						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	10,200	10,507	N/C	39,347	32,985	N/C						
Resellers/Distributors/Compounders, Total	109,846	101,931	7.8	484,951 R	436,567	11.1						
Resellers	36,879	68,713 C	N/C	181,686	293,720	N/C						
Distributors	26,334	N/A		130,617 R	N/A							
Compounders	46,633	33,218	40.4	172,648	142,847	20.9						
All Other Uses	7,754	4,387	76.7	27,184	20,625	31.8						

D5 = Disclosure: Included in Other Extruded Products.

D = Disclosure

C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable

N/A = Not Available

R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

PAGE 8

SECTION II - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL	411,892	422,005	-2.4	1,749,677	1,740,017	0.6	414,862	439,526	-5.6	1,646,701	1,713,967	-3.9
Crystal (Solid) Polystyrene	222,977	222,558 A	N/C	940,997	940,578 A	N/C	157,197	252,461 A	N/C	640,445	963,307 A	N/C
Rubber Modified Polystyrene	188,915	199,447	-5.3	808,680	804,861	0.5	191,057	187,065	2.1	757,849	750,660	1.0
Expandable Polystyrene	D13			D13			66,608	N/A		248,407	N/A	
Exports, Total	11,108	14,160	-21.6	58,623 R	76,881	-23.7						
Crystal (Solid) Polystyrene	6,621	7,677 A	N/C	32,454 R	33,845 A	N/C						
Rubber Modified Polystyrene	4,487	6,483	-30.8	26,169 R	36,253	-27.8						
Expandable Polystyrene	D13			D13								
Domestic, Total	400,784	407,845	-1.7	1,691,054 R	1,663,336	1.7						
Molding	154,401	170,957	-9.7	650,647 R	677,786	-4.0						
Extrusion	177,834	175,990	1.0	753,660 R	694,958	8.4						
Expandable Polystyrene	57,063	50,940	12.0	231,043 R	225,484	2.5						
Block	21,050	15,422	36.5	86,132 R	84,339	2.1						
Shape	12,648	9,962	27.0	51,279 R	50,725	1.1						
Loose Fill	D6	D6		D6	D6							
Other EPS	23,365	25,556	-8.6	93,632 R	90,420	3.6						
All Other Uses	11,486	9,958	15.3	55,704	65,108	-14.4						
Polystyrene End-Uses, Total	400,784	407,845	-1.7	1,691,054 R	1,663,336	1.7						
Packaging & One Time Use	152,165	166,763 B	-8.8	647,835 R	618,150 B	4.8						
Consumer & Institutional Products	43,368	57,931	-25.1	182,647 R	254,016	-28.1						
Electrical/Electronics	58,938	52,120	13.1	239,051 R	217,833	9.7						
Furniture, Furnishings, Bldg. & Construction	26,524	24,665	7.5	117,092 R	100,311	16.7						
Expandable Polystyrene	57,063	50,940	12.0	231,043 R	225,484	2.5						
Resellers and Compounders	43,401	47,899	-9.4	194,622 R	169,192	15.0						
All Other End-Uses	19,325	7,527	156.7	78,764 R	78,350	0.5						

D6 = Disclosure: Included in Other EPS

D13 = Included in Crystal(Solid) Polystyrene

A = Reported as Straight Polystyrene in 1989.

B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

N/C = Not Comparable

D = Disclosure

N/A = Not Available

SECTION II - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	109,877	116,519	-5.7	399,629	455,459	-12.3	110,613	127,424	-13.2	373,178	484,516	-23.0
SAN (STYRENE-ACRYLONITRILE), TOTAL	11,333	10,813	4.8	40,831	37,068	10.2	10,786	10,121	6.6	41,448	40,566	2.2
Total Exports	3,845	4,448	-13.6	11,198	12,496	-10.4						
Total Domestic	7,488	6,365	17.6	29,633	24,572	20.6						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,494	13,279	1.6	52,889	54,912	-3.7	12,667	12,265	3.3	49,072	52,732	-6.9
ABS, SAN, & OTHER STYRENICS, TOTAL	134,704	140,611	-4.2	493,349	547,439	-9.9	134,066	149,810	-10.5	463,698	577,814	-19.7
Total Exports	N.R. 1	N.R. 1		N.R. 1	N.R. 1							
Total Domestic	134,704	140,611	-4.2	493,349	547,439	-9.9						
Electrical/Electronics	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
Building & Construction	13,397	14,655	-8.6	50,069	58,073	-13.8						
Transportation	37,130	38,436	-3.4	128,678	150,948	-14.8						
Consumer & Institutional	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
All Other Uses	84,177	87,520	-3.8	314,602	338,418	-7.0						
STYRENE BASED LATEXES, TOTAL *	93,149	83,996	10.9	360,452 R	340,943	5.7	89,112	87,249	2.1	344,903 R	330,085	4.5
Carpet Backing	33,376	31,948	4.5	123,953	124,637	-0.5						
All Other Uses	59,773	52,048 J	14.8	236,499 R	216,306 J	9.3						
NYLON RESINS, TOTAL (6)	47,023	49,945	-5.9	183,083 R	204,908	-10.7	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	4,587	6,120	-25.0	20,677	25,073	-17.5						
Domestic, Total	42,436	43,825	-3.2	162,406 R	179,835	-9.7	47,018	53,395	-11.9	183,856	197,901	-7.1
Injection Molding Grade	25,178	26,482	-4.9	95,100 R	108,032	-12.0						
Extrusion Grade	13,070	12,499	4.6	51,584 R	51,360	0.4						
Resellers & Compounders	3,543	3,225	9.9	13,166	14,319	-8.1						
All Other Uses	645	1,619	-60.2	2,556	6,124	-58.3						
Nylon End-Uses, Total	42,436	43,825	-3.2	162,406 R	179,835	-9.7						
Automotive and Truck	14,641	N/A		53,078 R	N/A							
Electrical and Electronic	4,987	N/A		20,269	N/A							
Appliances	1,191	N/A		4,382	N/A							
Film and Coating	6,130	N/A		23,827 R	N/A							
Wire and Cable	2,877	N/A		12,086	N/A							
Monofilament	1,475	N/A		7,294	N/A							
Consumer	1,658	N/A		6,316 R	N/A							
Industrial/Machinery	3,585	N/A		14,902 R	N/A							
All Other End-Uses	5,892	N/A		20,252	N/A							

N.R.1 - Not Reported; Included in Total Domestic and All Other Uses.

N.R.2 - Not Reported; Included in All Other Uses.

* - Styrene Based Latexes Sales include some Canadian produced material.

J - Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

D = Disclosure

N/A = Not Available

(6) - Includes sales from imports.

PAGE 10

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	787,756	679,343	16.0	3,086,895	2,800,104	10.2	774,614	715,236	8.3	3,011,241 R	2,890,113	4.2
Homopolymer Resins, Including Blending & Latex	729,021	621,523	17.3	2,858,404	2,561,355	11.6	713,009	652,750	9.2	2,766,588 R	2,637,642	4.9
Copolymer Resins, Including Blending & Latex	16,586	17,888	-7.3	68,517	71,193	-3.8	18,067	18,713	-3.5	69,191 R	78,485	-11.8
Dispersion Resins	42,149	39,932	5.6	159,974	167,556	-4.5	43,538	43,773	-0.5	175,462 R	173,986	0.8
Exports, Total	74,618	58,845	26.8	317,569	203,497	56.1						
Domestic, Total	713,138	620,498	14.9	2,769,326	2,596,607	6.7						
Calendering, Total	82,410	74,893	10.0	320,082	288,444	11.0						
Flooring	20,215	17,635	14.6	75,497	68,773	9.8						
Textile	10,079	9,208	9.5	37,742	38,545	-2.1						
All Other Calendering Uses	52,116	48,050	8.5	206,843	181,126	14.2						
Coating, Total	29,284	29,426	-0.5	108,800	126,731	-14.1						
Flooring	12,818	12,617	1.6	48,331	52,932	-8.7						
Textile and Paper Coating	8,326	8,512	-2.2	29,591	36,360	-18.6						
Protective Coatings	3,947	4,158	-5.1	15,178	18,182	-16.5						
Adhesives & All Other Coating Uses	4,193	4,139	1.3	15,700	19,257	-18.5						
Extrusion, Total	485,535	416,190	16.7	1,874,036	1,756,907	6.7						
Wire and Cable	34,085	30,241	12.7	137,668	132,061	4.2						
Film and Sheet, Packaging	27,296	27,706	-1.5	113,444	110,196	2.9						
Film and Sheet, Non-Packaging	3,122	3,426	-8.9	15,636	17,371	-10.0						
Siding, Siding Acc. & Mobile Home Skirting	75,464	61,130	23.4	283,150	252,378	12.2						
Rigid Pipe and Tubing (except fittings)	299,320	248,982	20.2	1,121,596	1,065,008	5.3						
All Other Extrusion Uses	46,248	44,705	3.5	202,542	179,893	12.6						
Molding, Total	46,742	46,008	1.6	182,208	186,499	-2.3						
Bottles	19,674	19,010	3.5	75,860	77,434	-2.0						
Fittings (Rigid Pipe and Tubing)	16,720	14,471	15.5	60,691	56,674	7.1						
All Other Molding Uses	10,348	12,527	-17.4	45,657	52,391	-12.9						
Paste Processes (except coating), Total	14,400	14,380	0.1	56,001	59,650	-6.1						
Plastisol Formulation	7,582	7,817	-3.0	30,372	32,033	-5.2						
All Other Paste Process Uses	6,818	6,563	3.9	25,629	27,617	-7.2						
Resellers & Compounders	28,854	25,602	12.7	119,712	111,486	7.4						
All Other Uses	25,913	13,999	85.1	108,487	66,890	62.2						

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	14,583	15,163	-3.8	65,129	68,295	-4.6	16,963	16,975	-0.1	78,046	74,056	5.4
Exports, Total	4,903	5,489	-10.7	23,004	23,866	-3.6						
Domestic, Total	9,680	9,674	0.1	42,125	44,429	-5.2						
THERMOPLASTIC POLYESTER, TOTAL (6)	159,980	141,869	12.8	608,348	549,859	10.6	167,856	153,020	9.7	604,569	556,081	8.7
Exports, Total	27,369	24,701	10.8	113,040	88,509	27.7						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	132,611	117,168	13.2	495,308	461,350	7.4						
Domestic PET	N. R.	N. R.		N. R.	N. R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	89,653	82,904	8.1	338,020	304,170	11.1						
PET/PBT Resellers & Compounders	N.R. 4	N/A		N.R. 4	N/A							
All Other Thermoplastic Polyester	42,958	34,264	25.4	157,288	157,180	0.1						

(2) - The publishing of PVAC data has been suspended.

(3) - The publishing of PVOH data has been suspended.

(4) - Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R. 4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

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FOR THE MONTH AND PERIOD ENDED

MARCH 31, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: JUNE 14, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS
MARCH 1990

RESIN KIND	MARCH				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	46.8	34.6	1.2	6.4	124.7 R	113.6 R	3.5	18.3
POLYESTER (UNSATURATED) RESINS, TOTAL	109.1	104.4	0.7	15.6	320.6	308.8	1.7	28.3
UREA RESINS, TOTAL **	127.4	129.7	2.2	3.8	368.3	370.8	5.2	9.8
MELAMINE RESINS, TOTAL **	14.7	14.4	0.4	1.2	43.8	39.1	1.2	3.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	252.7	249.9	3.7	9.0	740.7 R	734.3 R	10.7	24.5
THERMOSETTING RESINS, TOTAL	550.7	533.0	8.2	36.0	1,598.1 R	1,568.6 R	22.3	84.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	614.0	558.2	18.6	74.9	1,757.0 R	1,557.2 R	55.9	205.4
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	334.6	410.0	77.2	22.7	883.1	1,061.4	210.1	68.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	657.2	653.7	44.6	91.8	1,910.9	1,825.3 R	119.3	253.2
POLYPROPYLENE, TOTAL	704.9	573.5	4.4	155.7	2,040.9	1,665.1	15.5	457.8
ABS RESINS, TOTAL **								
(ACRYLONITRILE-BUTADIENE-STYRENE)	92.8	107.8	5.6	12.0	262.6	289.8	18.3	35.7
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	10.2	7.8	0.5	4.8	30.7	22.1	2.1	16.6
OTHER STYRENICS **	108.1	111.5	0.6	14.6	295.2 R	307.0 R	1.4	42.2
POLYSTYRENE RESINS, TOTAL	445.2	407.4	6.5	31.9	1,231.9	1,285.0	16.4	75.4
NYLON RESINS, TOTAL (6)	49.2	43.5	5.3	14.1	136.8 R	119.9	15.3	39.0
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	793.1	710.3	11.2	72.5	2,238.7	2,056.2	32.8	273.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS			N/A	N/A			N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	160.2	133.1	3.6	39.2	436.7	362.7	9.4	105.0
THERMOPLASTIC RESINS, TOTAL	3,969.5	3,716.8	178.1	534.2	11,224.5 R	10,551.7 R	496.5	1,572.4
GRAND TOTAL	4,520.2	4,249.8	186.3	570.2	12,822.6	12,118.3 R	518.8	1,657.0

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH + PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

Sources: Sales and Production - SPI Monthly Statistical Report
Imports - Bureau of the Census (IM 145)
Exports - Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins ^{SPI}

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

MAY 31, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

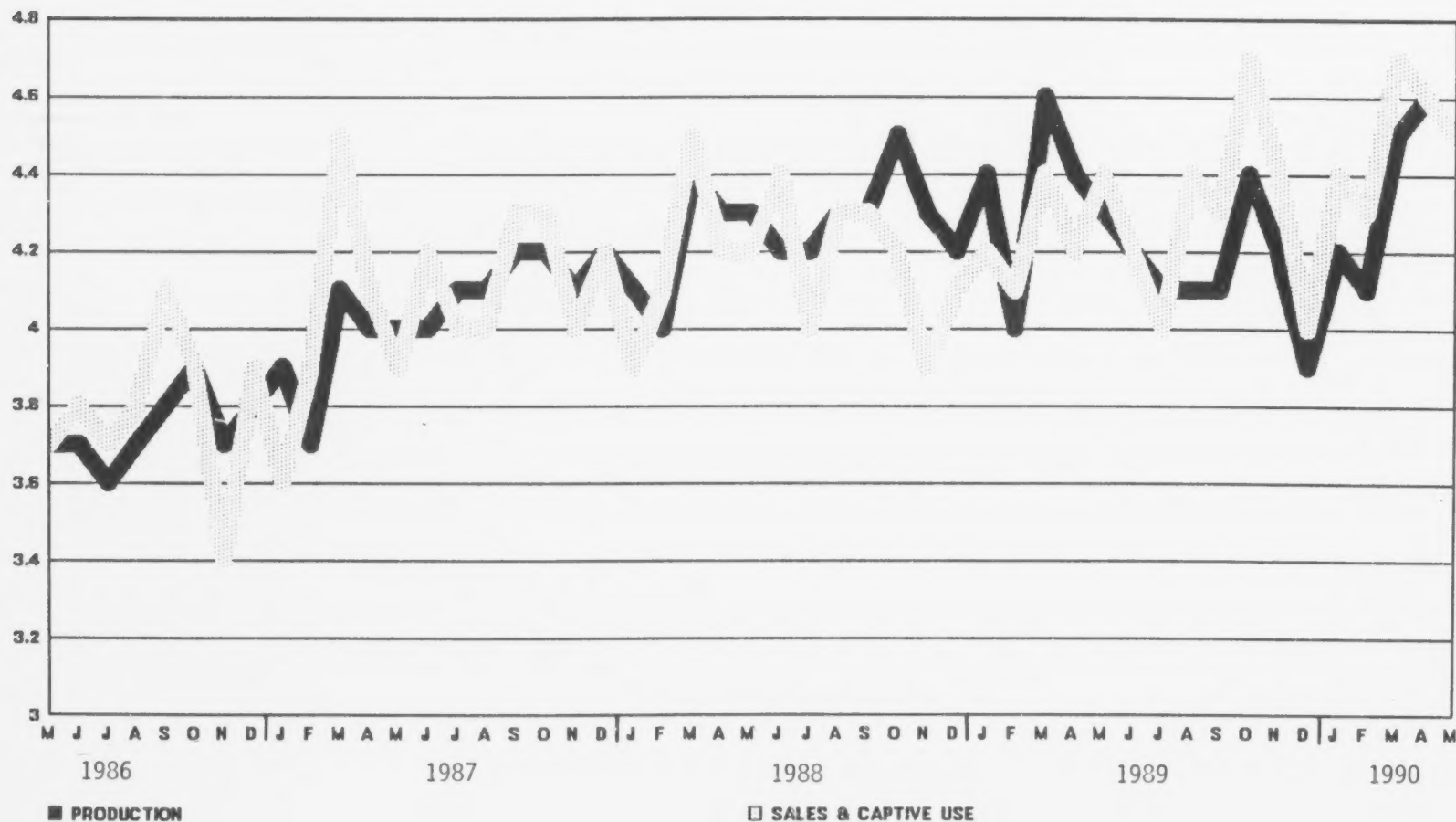
Release Date: July 17, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

MAY 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

MAY 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	40,848	43,913	-7.0	194,326	210,003	-7.5	42,455	48,679	-12.8	211,834	225,487	-6.1
POLYESTER (UNSATURATED) RESINS, TOTAL	109,810	127,024	-13.6	535,420	584,864	-8.5	110,434	128,117	-13.8	540,618	586,872	-7.9
UREA RESINS, TOTAL	121,784	116,730	4.3	626,083	578,448	8.2	125,576	117,256	7.1	649,584	582,074	11.6
MELAMINE RESINS, TOTAL	15,529	19,380	-19.9	70,019	91,726	-23.7	17,649	19,764	-10.7	81,394	96,196	-15.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	241,723	220,124	9.8	1,254,849	1,199,506	4.6	241,172	220,945	9.2	1,259,639	1,213,905	3.8
THERMOSETTING RESINS, TOTAL	529,694	527,171	0.5	2,680,697	2,664,547	0.6	537,286	534,761	0.5	2,743,069	2,704,534	1.4
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	592,686	591,548	0.2	2,939,942	2,809,702	4.6	595,507	537,167	10.9	2,987,553	2,885,687	3.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	372,216	315,584	17.9	1,883,788	1,484,910	26.9	304,420	231,833	31.3	1,496,122	1,296,318	15.4
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	704,197	682,549	3.2	3,398,138	3,274,723	3.8	714,623	704,199	1.5	3,322,891	3,386,396	-1.9
POLYPROPYLENE, TOTAL	659,600	619,534	6.5	3,403,877	3,084,969	10.3	718,276	607,955	18.1	3,466,635	3,098,715	11.9
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	98,389	108,376	-9.2	497,018 R	563,835	-11.9	105,997	116,788	-9.2	479,175	601,304	-20.3
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	13,033	10,793	20.8	54,164 R	47,861	13.2	11,907	12,449	-4.4	53,355	53,015	0.6
POLYSTYRENE RESINS, TOTAL	435,431	452,671	-3.8	2,172,882 R	2,192,688	-0.9	426,690	464,939	-8.2	2,073,241 R	2,178,906	-4.8
STYRENE BASED LATEXES, TOTAL ***	97,361	90,912	7.1	457,813	431,855	6.0	86,232	86,206	0.0	431,135	416,291	3.6
OTHER STYRENICS, TOTAL (40% or More Styrene)	14,691	13,083	12.3	67,080	67,995	-1.3	13,335	10,751	24.0	62,407	63,483	-1.7
NYLON RESINS (6)	52,618	50,730	3.7	235,701	255,638	-7.8	51,787	52,189	-0.8	235,643	250,090	-5.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	782,169	744,190	5.1	3,869,064	3,544,294	9.2	787,779	687,192	14.6	3,799,020	3,577,305	6.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,656	16,421	7.5	82,785 R	84,716	-2.3	18,456	18,074	2.1	96,502 R	92,130	4.7
THERMOPLASTIC POLYESTER, TOTAL (6)	171,951	150,302	14.4	780,299	700,161	11.4	156,174	145,697	7.2	760,743	701,778	8.4
THERMOPLASTIC RESINS, TOTAL	4,011,998	3,846,693	4.3	19,842,551 R	18,543,347	7.0	3,991,183	3,675,439	8.6	19,264,222 R	18,601,418	3.6
GRAND TOTAL	4,541,692	4,373,864	3.8	22,523,248 R	21,207,894	6.2	4,528,469	4,210,200	7.6	22,007,291 R	21,305,952	3.3

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene

(6) = Data Includes Sales from Imports.

R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
 (Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	40,848	43,913	-7.0	194,326	210,003	-7.5	42,455	48,679	-12.8	211,834	225,487	-6.1
Exports, Total	4,987	7,471	-33.2	30,433	37,781	-19.4						
Captive Use, Total	1,294	1,876	-31.0	7,172	6,680	7.4						
Domestic Sales, Total	34,567	34,566	0.0	156,721	165,542	-5.3						
Domestic Sales & Captive Use, Total	35,861	36,442	-1.6	163,893	172,222	-4.8						
Bonding & Adhesives	2,734	2,292	19.3	11,657	11,217	3.9						
Flooring, Paving & Exposed Aggregate	2,462	2,300	7.0	11,118	10,094	10.1						
Protective Coatings	17,924	17,059	5.1	79,371	83,363	-4.8						
Fiber Reinforced Laminates & Composites	7,246	7,452	-2.8	35,419	37,383	-5.3						
FRL&C for Printed Wiring Board	4,711	4,934	-4.5	23,633	26,136	-9.6						
All Other FRL&C	2,535	2,518	0.7	11,786	11,247	4.8						
Tooling, Casting & Molded Resins	2,521	2,890	-12.8	11,096	13,190	-15.9						
All Other Uses	2,974	4,449	-33.2	15,232	16,975	-10.3						
POLYESTER (UNSATURATED) RESINS, TOTAL	109,810	127,024	-13.6	535,420	584,864	-8.5	110,434	128,117	-13.8	540,618	586,872	-7.9
Total Exports	2,321	2,804	-17.2	9,764	10,018	-2.5						
Total Domestic	107,489	124,220	-13.5	525,656	574,846	-8.6						
General Purpose Resins, Total	92,893	106,630	-12.9	455,551	496,269	-8.2						
General Purpose - Thixotropic	38,487	48,096	-20.0	181,359	223,124	-18.7						
General Purpose - Press Molding	12,915	13,030	-0.9	61,543	55,760	10.4						
General Purpose - Panel	8,015	N/A		37,170	N/A							
General Purpose - All Other	33,476	45,504	-26.4	175,479	217,385	-19.3						
Flame Retardant Resins	1,945	2,181	-10.8	9,728	10,102	-3.7						
Chemical Resistant Resins, Total	12,651	15,409	-17.9	60,377	68,475	-11.8						
Chemical Resistant Isophthalic Resins	9,058	11,925	-24.0	43,855	53,025	-17.3						
All Other Chemical Resistant Resins	3,593	3,484	3.1	16,522	15,450	6.9						
Reinforced Plastic, Total	78,466	94,062	-16.6	386,549	437,126	-11.6						
Non-Reinforced Plastics, Total	29,023	30,158	-3.8	139,107	137,720	1.0						

N/A = Not Available

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	121,784	116,730	4.3	626,083	578,448	8.2	125,576	117,256	7.1	649,584	582,074	11.6
MELAMINE RESINS, TOTAL	15,529	19,380	-19.9	70,019	91,726	-23.7	17,649	19,764	-10.7	81,394	96,196	-15.4
UREA & MELAMINE RESINS, TOTAL	137,313	136,110	0.9	696,102	670,174	3.9	143,225	137,020	4.5	730,978	678,270	7.8
Total Exports	D1	D1		D1	D1							
Total Domestic	137,313	136,110	0.9	696,102	670,174	3.9						
Textile Coating & Treating Resins	2,220	2,251	-1.4	10,765	10,457	2.9	3,482	2,361	47.5	20,527	12,293	67.0
Paper Coating & Treating Resins	5,131	4,952	3.6	23,624	22,236	6.2	5,203	4,987	4.3	24,184	23,452	3.1
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	106,637	108,874	-2.1	549,884	543,449	1.2	110,803	108,617	2.0	572,926	541,168	5.9
Laminating	1,461	10,106	-85.5	9,537	38,285	-75.1	1,455	9,331	-84.4	9,814	32,624	-69.9
Plywood	5,176	5,057	2.4	24,125	30,037	-19.7	5,217	5,335	-2.2	24,465	30,879	-20.8
Fibrous & Granulated Wood (Particle Board)	100,000	93,711	6.7	516,222	475,127	8.6	104,131	93,951	10.8	538,647	477,665	12.8
Protective Coatings (Straight & Modified)	9,309	9,770	-4.7	40,546	48,289	-16.0	12,281	11,589	6.0	53,824	59,897	-10.1
All Other Uses	14,016	10,263	36.6	71,283	45,743	55.8	11,456	9,466	21.0	59,517	41,460	43.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	241,723	220,124	9.8	1,254,849	1,199,506	4.6	241,172	220,945	9.2	1,259,639	1,213,905	3.8
Total Exports	2,820	1,438	96.1	10,807	7,513	43.8						
Total Domestic	238,903	218,686	9.2	1,244,042	1,191,993	4.4						
Molding Compounds	15,239	15,393	-1.0	72,668	78,011	-6.8	16,761	17,429	-3.8	82,905	85,377	-2.9
Bonding & Adhesive Resins for:	220,518	200,577	9.9	1,155,470	1,096,064	5.4	221,030	200,466	10.3	1,160,425	1,108,286	4.7
Laminating	13,879	19,543	-29.0	73,827	91,136	-19.0	13,714	19,503	-29.7	73,902	94,237	-21.6
Coated & Bonded Abrasives	2,499	2,283	9.5	12,106	11,724	3.3	2,451	2,288	7.1	11,822	12,890	-8.3
Friction Materials	3,952	3,455	14.4	19,545	17,098	14.3	3,964	3,519	12.6	19,847	17,444	13.8
Insulation Materials	33,846	37,687	-10.2	171,490	180,380	-4.9	34,989	37,645	-7.1	177,596	184,339	-3.7
Foundry & Shell Molding	6,449	4,156	55.2	32,288	19,399	66.4	6,497	4,124	57.5	31,758	19,924	59.4
Plywood	D3	99,750		D3	603,164		D3	100,090		D3	604,269	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	1,209		D3	5,877		D3	1,221		D3	6,327	
All Other	159,893	32,494	N/C	846,214	167,286	N/C	159,415	32,076	N/C	845,500	168,856	N/C
Protective Coatings - Unmodified & Modified	D2	1,146		D2	5,851		D2	1,168		D2	5,406	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,146	1,570	N/C	15,904	12,067	N/C	3,381	1,882	N/C	16,309	14,836	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.

D2 = Disclosure: Included in All Other Uses.

D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.

N/C = Not Comparable.

R = Revision.

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	592,686	591,548	0.2	2,939,942	2,809,702	4.6	607,517	545,846	11.3	3,059,772 R	2,926,179	4.6
Imports, Total							12,010	8,679	38.4	72,219 R	40,492	78.4
Exports, Total	66,434	70,598	-5.9	335,279	377,543	-11.2						
Domestic, Total	526,252	520,950	1.0	2,604,663	2,432,159	7.1	595,507	537,167	10.9	2,987,553	2,885,687	3.5
Film (12 Mils & Below)	308,553	289,514	6.6	1,530,511	1,379,706	10.9						
Packaging Film	210,001	196,627	6.8	1,043,256	937,860	11.2						
Food Packaging Film	92,641	93,642	-1.1	501,908	446,718	12.4						
Non-Food Packaging Film	92,732	81,805	13.4	423,833	394,233	7.5						
Shrink Film	13,625	D10		63,038	D10							
Stretch Film	11,003	21,180	N/C	54,477	96,909	N/C						
Non-Packaging Film	98,552	92,887	6.1	487,255	441,846	10.3						
Carry-Out Bags	11,523	10,347	11.4	45,474	51,541	-11.8						
Trash and Can Liners	32,476	32,734	-0.8	152,533	160,085	-4.7						
Other Non-Packaging Film	54,553	49,806	9.5	289,248	230,220	25.6						
Sheet (Over 12 Mils)	6,359	7,641	-16.8	29,678	40,194	-26.2						
Injection Molding	30,305	29,293	3.5	154,537	162,831	-5.1						
Injection Molded Lids	6,561	4,597	42.7	33,161	19,962	66.1						
Injection Molded Housewares	3,671	3,842	-4.5	20,044	19,126	4.8						
Other Injection Molding	20,073	20,854	-3.7	101,332	123,743	-18.1						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	63,730	D5		319,401	D5							
Blow Molding	6,156	7,183	-14.3	26,008	27,667	-6.0						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	32,485	93,295	N/C	151,954	441,313	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	48,535	56,146	-13.6	229,931	209,250	9.9						
Resellers	36,065	43,240	-16.6	163,973	159,049	3.1						
Compounders	12,470	12,906	-3.4	65,958	50,201	31.4						
Adhesives and Sealants	8,677	D2		45,955	D2							
All Other Uses	21,452	37,878	N/C	116,688	171,198	N/C						

D2 = Disclosure: Included in All Other Uses.

D10 = Disclosure: Included in Stretch Film.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales Include Imports.

N/C = Not Comparable

PAGE 5

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	372,216	315,584	17.9	1,883,788	1,484,910	26.9	365,785	280,695	30.3	1,833,361	1,569,232	16.8
Imports, Total							61,365	48,862	25.6	337,239	272,914	23.6
Exports, Total	18,201	17,564	3.6	91,239	60,233	51.5						
Domestic, Total	354,015	298,020	18.8	1,792,549	1,424,677	25.8	304,420	231,833	31.3	1,496,122	1,296,318	15.4
Film (12 Mills & Below)	232,212	189,449	22.6	1,180,277	909,836	29.7						
Packaging Film	98,790	87,542	12.8	515,177	425,876	21.0						
Food Packaging Film	15,284	15,250	0.2	90,867	77,572	17.1						
Non-Food Packaging Film	55,712	51,363	8.5	283,205	239,141	18.4						
Shrink Film	D10	D10		D10	D10							
Stretch Film	27,794	20,929	32.8	141,105	109,163	29.3						
Non-Packaging Film	133,422	101,907	30.9	665,100	483,960	37.4						
Carry-Out Bags	19,876	14,898	33.4	102,374	80,644	26.9						
Trash and Can Liners	84,568	72,549	16.6	434,048	323,746	34.1						
Other Non-Packaging Film	28,978	14,460	100.4	128,678	79,570	61.7						
Sheet (Over 12 Mills)	1,029	2,873	-64.2	6,237	11,878	-47.5						
Injection Molding	47,065	35,502	32.6	206,061	164,318	25.4						
Injection Molded Lids	15,335	18,117	-15.4	75,913	74,129	2.4						
Injection Molded Housewares	20,652	12,370	67.0	83,022	58,385	42.2						
Other Injection Molding	11,078	5,015	120.9	47,126	31,804	48.2						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,510	2,095	-27.9	12,696	7,111	78.5						
Pipe and Conduit, Total	4,635	D5		25,986	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	15,530	21,824	N/C	77,758	103,562	N/C						
Rotomolding	24,596	D2		132,814	D2							
Resellers & Compounders, Total	18,482	17,772	4.0	99,693	84,116	18.5						
Resellers	6,962	13,560	-48.7	51,045	60,969	-16.3						
Compounders	11,520	4,212	173.5	48,648	23,147	110.2						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	8,956	28,505	N/C	51,027	143,856	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

D10 = Disclosure: Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

N/C = Not Comparable

PAGE 6

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940, TOTAL	704,197	682,549	3.2	3,398,138	3,274,723	3.8	714,623	704,199	1.5	3,322,691	3,386,396	-1.9
Exports, Total	52,425	71,832	-27.0	273,319	335,801	-18.6						
Domestic, Total	651,772	610,717	6.7	3,124,819	2,938,922	6.3						
Film (12 Mils & Below)	73,062	63,028	15.9	365,077	318,024	14.8						
Packaging Film	19,691	16,378	20.2	105,050	77,242	36.0						
Food Packaging Film	14,316	12,231	17.0	70,857	52,515	34.9						
Non-Food Packaging Film	5,375	4,147	29.6	34,193	24,727	38.3						
Non-Packaging Film	53,371	46,650	14.4	260,027	240,782	8.0						
Retail Bags	35,457	24,947 F	N/C	193,334	122,049 F	N/C						
Grocery Sacks & T-Shirt Bags	18,050	N/A		99,746	N/A							
All Other Retail Bags	4,774	N/A		26,818	N/A							
Trash Bags/Can Liners	12,633	D9		66,770	D9							
All Other Non-Packaging Film	17,914	21,703	N/C	66,693	118,733	N/C						
Sheet (Over 12 Mils)	32,630	30,520	6.9	165,119	134,966	22.3						
Injection Molding, Total	138,920	121,915	13.9	623,133	582,454	7.0						
Pails (5 gallons or less)	44,274	34,410	28.7	179,943	175,576	2.5						
Housewares	8,552	8,885	-3.7	41,903	42,575	-1.6						
Food Tubs/Containers & Drink Cups	24,290	22,063	10.1	126,318	100,790	25.3						
Crates and Totes	19,658	14,566	35.0	75,454	69,348	8.8						
Toys/Novelties/Sporting Goods	4,931	N/A		26,654	N/A							
Caps and Closures	10,142	N/A		45,745 R	N/A							
All Other Injection Molding	27,073	41,991	N/C	127,116 R	194,165	N/C						
Wire and Cable	15,363	14,314	7.3	73,416	64,259	14.3						
Blow Molding, Total	239,421	250,777	-4.5	1,184,019	1,198,490	-1.2						
Motor Oil Bottles	16,099	18,848	-14.6	91,507	75,391	21.4						
Liquid Food Bottles	81,304	77,653	4.7	396,989	372,989	6.4						
Household Chemical Bottles	75,899	76,749	-1.1	366,149	366,452	-0.1						
Industrial Drums	10,604	22,843 G	N/C	55,361	110,052 G	N/C						
Gas Tanks, All Uses	3,118	N/A		13,289	N/A							
Pharm., Cosmetics, & Toiletries	18,213	N/A		95,463	N/A							
All Other Blow Molding	34,184	54,684	N/C	165,261	273,606	N/C						
Pipe and Conduit, Total	51,491	44,923	14.6	214,754	195,850	9.7						
Corrugated	8,747	10,251	-14.7	41,332	36,252	14.0						
Non-Corrugated	42,744	34,672	23.3	173,422	159,598	8.7						
Gas Distribution	13,477	N/A		61,108	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	29,267	N/A		112,314	N/A							
Other Extruded Products	8,112	5,442	49.1	35,220	29,842	18.0						
Rotomolding	6,768	5,071	33.5	30,281	28,335	6.9						
Reseller & Compounders, Total	61,554	56,719	8.5	311,734	269,935	15.5						
Resellers	58,191	51,633	12.7	292,513	243,497	20.1						
Compounders	3,363	5,086	-33.9	19,221	26,438	-27.3						
All Other HDPE	24,451	18,008	35.8	122,066	116,767	4.5						

D9 = Disclosure: Included in Other Non-Packaging Film.

D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

N/C = Not Comparable.

N/A = Not Available

R = Revision

F = Reported as Carry Out Bags in 1989.

G = Reported as Large Containers in 1989.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	659,600	619,534	6.5	3,403,877	3,084,969	10.3	718,276	607,955	18.1	3,466,635	3,098,715	11.9
Exports, Total	113,685	100,795	12.8	636,366	524,769	21.3						
Domestic, Total	545,915	518,739	5.2	2,767,511	2,560,200	8.1						
Injection Molding, Total	160,288	158,363	1.2	824,435	766,795	7.5						
Appliances	14,961	15,757	-5.1	77,238	70,619	9.4						
Consumer Products	52,642	46,173	14.0	270,332	228,207	18.5						
Rigid Packaging	53,848	58,980	-8.7	279,084	261,267	6.8						
Transportation	26,053	21,591	20.7	122,776	119,033	3.1						
All Other Injection Molding	12,784	15,862	-19.4	75,005	87,669	-14.4						
Blow Molding	11,413	10,118	12.8	60,522	52,333	15.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	49,125	48,223	1.9	244,950	249,144	-1.7						
Oriented Film	40,086	35,561	12.7	196,123	189,832	3.3						
Non-Oriented Film	9,039	12,662	-28.6	48,827	59,312	-17.7						
Sheet (Over 10 Mils), Total	12,875	9,937	29.6	56,944	59,164	-3.8						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	3,042	D5		10,299	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	172,444	161,379	6.9	882,151	811,868	8.7						
Textile Applications	163,645	153,458	6.6	828,236	770,251	7.5						
Nonwovens	51,784	43,121	20.1	256,633	200,256	28.2						
Monofilament & Multifilament Fibers	55,498	73,602	-24.6	287,050	362,277	-20.8						
Slit Film Fibers	56,363	36,735	53.4	284,553	207,718	37.0						
Non-Textile Monofilaments	8,799	7,921	11.1	53,915	41,617	29.6						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	11,298	9,938	N/C	50,645	42,923	N/C						
Resellers/Distributors/Compounders, Total	116,878	114,530	2.1	601,829	551,097	9.2						
Resellers	37,289	77,892 C	N/C	218,975	371,612 C	N/C						
Distributors	31,763	N/A		162,380	N/A							
Compounders	47,826	36,638	20.5	220,474	179,485	22.8						
All Other Uses	8,552	6,251	36.8	35,736	26,876	33.0						

D5 = Disclosure: Included in Other Extruded Products.

D = Disclosure

C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable

N/A = Not Available

R = Revision

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL	435,431	452,671	-3.8	2,172,882 R	2,192,688	-0.9	426,690	464,939	-8.2	2,073,241 R	2,178,906	-4.8
Crystal (Solid) Polystyrene	228,745	241,729 A	N/C	1,159,458 R	1,177,105 A	N/C	180,027	238,859 A	N/C	820,272 R	1,202,166 A	N/C
Rubber Modified Polystyrene	206,686	210,942	-2.0	1,013,424 R	1,015,583	-0.2	189,397	226,080	-16.2	947,246	976,740	-3.0
Expandable Polystyrene	D13			D13			57,266			305,723 R		
Exports, Total	12,838	12,895	-0.4	74,471 R	89,576	-16.9						
Crystal (Solid) Polystyrene	6,323	8,645 A	N/C	41,587 R	49,073 A	N/C						
Rubber Modified Polystyrene	6,515	4,250	53.3	32,884 R	40,503	-18.8						
Expandable Polystyrene	D13			D13								
Domestic, Total	422,593	439,776	-3.9	2,098,411 R	2,103,112	-0.2						
Molding	146,573	180,943	-19.0	726,241 R	858,729	-15.4						
Extrusion	213,436	191,182	11.6	1,029,839 R	886,140	16.2						
Expandable Polystyrene	51,767	58,760	-11.9	282,810	284,244	-0.5						
Block	15,182	20,474	-25.8	101,314	104,813	-3.3						
Shape	13,722	13,636	0.6	65,001	64,361	1.0						
Loose Fill	D6	D6		D6	D6							
Other EPS	22,863	24,650	-7.2	116,495	115,070	1.2						
All Other Uses	10,817	8,891	21.7	59,521 R	73,999	-19.6						
Polystyrene End-Uses, Total	422,593	439,776	-3.9	2,098,411 R	2,103,112	-0.2						
Packaging & One Time Use	168,726	178,680 B	-5.6	807,734 R	796,830 B	1.4						
Consumer & Institutional Products	45,048	64,085	-29.7	225,786 R	318,101	-29.0						
Electrical/Electronics	60,647	55,816	8.7	291,182 R	273,649	6.4						
Furniture, Furnishings, Bldg. & Constructio	24,187	25,883	-6.6	136,021 R	126,194	7.8						
Expandable Polystyrene	51,767	58,760	-11.9	282,810	284,244	-0.5						
Resellers and Compounds	54,443	47,838	13.8	259,363 R	217,030	19.5						
All Other End-Uses	17,775	8,714	104.0	95,515 R	87,064	9.7						

D6 = Disclosure: Included in Other EPS

D13 = Included in Crystal(Solid) Polystyrene

A = Reported as Straight Polystyrene in 1989.

B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

N/C = Not Comparable

D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	98,389	108,376	-9.2	497,018 R	563,835	-11.9	105,997	116,788	-9.2	479,175	601,304	-20.3
SAN (STYRENE-ACRYLONITRILE), TOTAL	13,033	10,793	20.8	54,164 R	47,861	13.2	11,907	12,449	-4.4	53,355	53,015	0.6
Total Exports	5,687	2,896	96.4	18,285 R	15,392	18.8						
Total Domestic	7,346	7,897	-7.0	35,879 R	32,469	10.5						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	14,691	13,083	12.3	67,080 R	67,995	-1.3	13,335	10,751	24.0	62,407	63,483	-1.7
ABS, SAN, & OTHER STYRENICS, TOTAL	126,113	132,252	-4.6	618,262 R	679,691	-9.0	131,239	139,988	-6.2	594,937	717,802	-17.1
Total Exports	N.R. 1	N.R. 1		N.R. 1	N.R. 1							
Total Domestic	126,113	132,252	-4.6	618,262 R	679,691	-9.0						
Electrical/Electronics	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
Building & Construction	11,556	12,620	-8.4	61,056 R	70,693	-13.6						
Transportation	36,576	34,734	5.3	163,961 R	185,682	-11.7						
Consumer & Institutional	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
All Other Uses	77,981	84,898	-8.1	393,245 R	423,316	-7.1						
STYRENE BASED LATEXES, TOTAL *	97,361	90,912	7.1	457,813	431,855	6.0	86,232	86,206	0.0	431,135	416,291	3.6
Carpet Backing	28,625	34,922	-18.0	152,578	159,559	-4.4						
All Other Uses	68,736	55,990 J	22.8	305,235	272,296 J	12.1						
NYLON RESINS, TOTAL(6)	52,618	50,730	3.7	235,701	255,638	-7.8	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	7,731	6,694	15.5	28,408	31,767	-10.6						
Domestic, Total	44,887	44,036	1.9	207,293	223,871	-7.4	51,787	52,189	-0.8	235,643	250,090	-5.8
Injection Molding Grade	25,914	25,995	-0.3	121,014	134,027	-9.7						
Extrusion Grade	14,264	13,000	9.7	65,848	64,360	2.3						
Resellers & Compounders	3,661	3,381	8.3	16,827	17,700	-4.9						
All Other Uses	1,048	1,660	-36.9	3,604	7,784	-53.7						
Nylon End-Uses, Total	44,887	44,036	1.9	207,293	223,871	-7.4						
Automotive and Truck	15,237	N/A		68,315	N/A							
Electrical and Electronic	3,689	N/A		23,958	N/A							
Appliances	1,295	N/A		5,677	N/A							
Film and Coating	6,962	N/A		30,789	N/A							
Wire and Cable	4,488	N/A		16,574	N/A							
Monofilament	1,562	N/A		8,856	N/A							
Consumer	1,960	N/A		8,276	N/A							
Industrial/Machinery	3,870	N/A		18,772	N/A							
All Other End-Uses	5,824	N/A		26,076	N/A							

N.R.1 - Not Reported; Included in Total Domestic and All Other Uses.

N.R.2 - Not Reported; Included in All Other Uses.

* - Styrene Based Latexes Sales include some Canadian produced material.

J = Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

D = Disclosure

N/A = Not Available

(6) - Includes sales from imports.

PAGE 10

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	782,169	744,190	5.1	3,869,064	3,544,294	9.2	787,779	687,192	14.6	3,799,020	3,577,305	6.2
Homopolymer Resins, Including Blending & Latex	722,165	682,998	5.7	3,580,569	3,244,353	10.4	725,765	627,048	15.7	3,492,353	3,264,690	7.0
Copolymer Resins, Including Blending & Latex	16,840	20,312	-17.1	85,357	91,505	-6.7	16,427	17,832	-7.9	85,618	96,317	-11.1
Dispersion Resins	43,164	40,880	5.6	203,138	208,436	-2.5	45,587	42,312	7.7	221,049	216,298	2.2
Exports, Total	64,407	82,343	-21.8	381,976	285,840	33.6						
Domestic, Total	717,762	661,847	8.4	3,487,088	3,258,454	7.0						
Calendering, Total	77,611	81,397	-4.7	397,693	369,841	7.5						
Flooring	19,714	18,156	8.6	95,211	86,929	9.5						
Textile	8,587	11,598	-26.0	46,329	50,143	-7.6						
All Other Calendering Uses	49,310	51,643	-4.5	256,153	232,769	10.0						
Coating, Total	29,492	31,787	-7.2	138,292	158,518	-12.8						
Flooring	14,932	12,847	16.2	63,263	65,779	-3.8						
Textile and Paper Coating	7,052	9,419	-25.1	36,643	45,779	-20.0						
Protective Coatings	3,453	4,522	-23.6	18,631	22,704	-17.9						
Adhesives & All Other Coating Uses	4,055	4,999	-18.9	19,755	24,256	-18.6						
Extrusion, Total	490,293	437,571	12.0	2,364,329	2,194,478	7.7						
Wire and Cable	32,119	33,647	-4.5	169,787	165,708	2.5						
Film and Sheet, Packaging	25,581	24,419	4.8	139,025	134,615	3.3						
Film and Sheet, Non-Packaging	2,712	7,062	-61.6	18,348	24,433	-24.9						
Siding, Siding Acc. & Mobile Home Skirting	67,034	62,223	7.7	350,184	314,601	11.3						
Rigid Pipe and Tubing (except fittings)	312,177	263,241	18.6	1,433,773	1,328,249	7.9						
All Other Extrusion Uses	50,670	46,979	7.9	253,212	226,872	11.6						
Molding, Total	44,494	42,946	3.6	226,702	229,445	-1.2						
Bottles	18,739	16,520	13.4	94,599	93,954	0.7						
Fittings (Rigid Pipe and Tubing)	16,312	12,727	28.2	77,003	69,401	11.0						
All Other Molding Uses	9,443	13,699	-31.1	55,100	66,090	-16.6						
Paste Processes (except coating), Total	16,292	16,049	1.5	72,293	75,699	-4.5						
Plastisol Formulation	8,541	8,730	-2.2	38,913	40,763	-4.5						
All Other Paste Process Uses	7,751	7,319	5.9	33,380	34,936	-4.5						
Resellers & Compounders	35,060	32,171	9.0	154,772	143,657	7.7						
All Other Uses	24,520	19,926	23.1	133,007	86,816	53.2						

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	17,656	16,421	7.5	82,785 R	84,716	-2.3	18,456	18,074	2.1	96,502 R	92,130	4.7
Exports, Total	7,380	5,582	32.2	30,384 R	29,448	3.2						
Domestic, Total	10,276	10,839	-5.2	52,401 R	55,268	-5.2						
THERMOPLASTIC POLYESTER, TOTAL (6)	171,951	150,302	14.4	780,299	700,161	11.4	156,174	145,697	7.2	760,743	701,778	8.4
Exports, Total	34,415	26,790	28.5	147,455	115,299	27.9						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	137,536	123,512	11.4	632,844	584,862	8.2						
Domestic PET	N. R.	N. R.		N. R.	N. R.							
Solid State Phase Resin	D	D		D	D							
PET Bottle Grades	93,477	85,040	9.9	431,497	389,210	10.9						
PET/PBT Resellers & Compounders	N. R.	N/A		N. R.	N/A							
All Other Thermoplastic Polyester	44,059	38,472	14.5	201,347	195,652	2.9						

(2) - The publishing of PVAC data has been suspended.

(3) - The publishing of PVOH data has been suspended.

(4) - Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R. 4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

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FOR THE MONTH AND PERIOD ENDED

APRIL 30, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: JULY 17, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

APRIL 1990

RESIN KIND	APRIL				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	42.4	31.5	1.6	7.1	169.4	122.2	5.1	25.4
POLYESTER (UNSATURATED) RESINS, TOTAL	109.5	109.4	0.5	7.9	430.2	418.2	2.2	36.2
UREA RESINS, TOTAL **	137.5	132.0	2.0	3.9	524.0	504.3	7.2	13.7
MELAMINE RESINS, TOTAL **	18.0	13.6	0.4	1.2	63.7	54.5	1.6	4.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	272.5	269.8	3.1	8.5	1,018.5	1,005.1	13.8	33.0
THERMOSETTING RESINS, TOTAL	579.9	556.3	7.6	28.6	2,205.8	2,104.3	29.9	113.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	635.0	521.2	17.8	64.3	2,392.0	2,078.4	73.7	269.7
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOT	308.6	377.2	69.9	19.9	1,191.7	1,438.5	280.0	88.6
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	697.2	647.7	46.6	61.3	2,608.1	2,473.0	165.9	314.5
POLYPROPYLENE, TOTAL	695.4	550.5	4.9	132.4	2,748.4	2,221.6	20.4	590.2
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	110.6	109.9	6.8	12.3	373.2	399.6	25.0	48.0
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	10.8	7.5	0.4	6.3	41.4	29.6	2.4	22.9
OTHER STYRENICS **	101.8	106.6	0.6	15.0	394.0	413.3	2.0	57.2
POLYSTYRENE RESINS, TOTAL	414.9	400.8	8.3	28.0	1,646.7	1,691.1	24.6	103.3
NYLON RESINS, TOTAL (6)	47.2	42.4	5.0	14.4	183.9	162.4	20.3	53.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	774.6	713.1	9.9	66.3	3,011.2	2,769.3	42.7	339.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS			N/A	N/A			N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	167.9	132.6	7.2	42.7	604.6	495.3	16.6	147.6
THERMOPLASTIC RESINS, TOTAL	3,964.0	3,609.5	177.4	462.9	15,195.2	14,172.1	673.6	2,035.2
GRAND TOTAL	4,543.9	4,165.8	185.0	491.5	17,401.0	16,276.4	703.5	2,148.4

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH + PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

Sources: Sales and Production - SPI Monthly Statistical Report
Imports - Bureau of the Census (IM 145)
Exports - Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JUNE 30, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

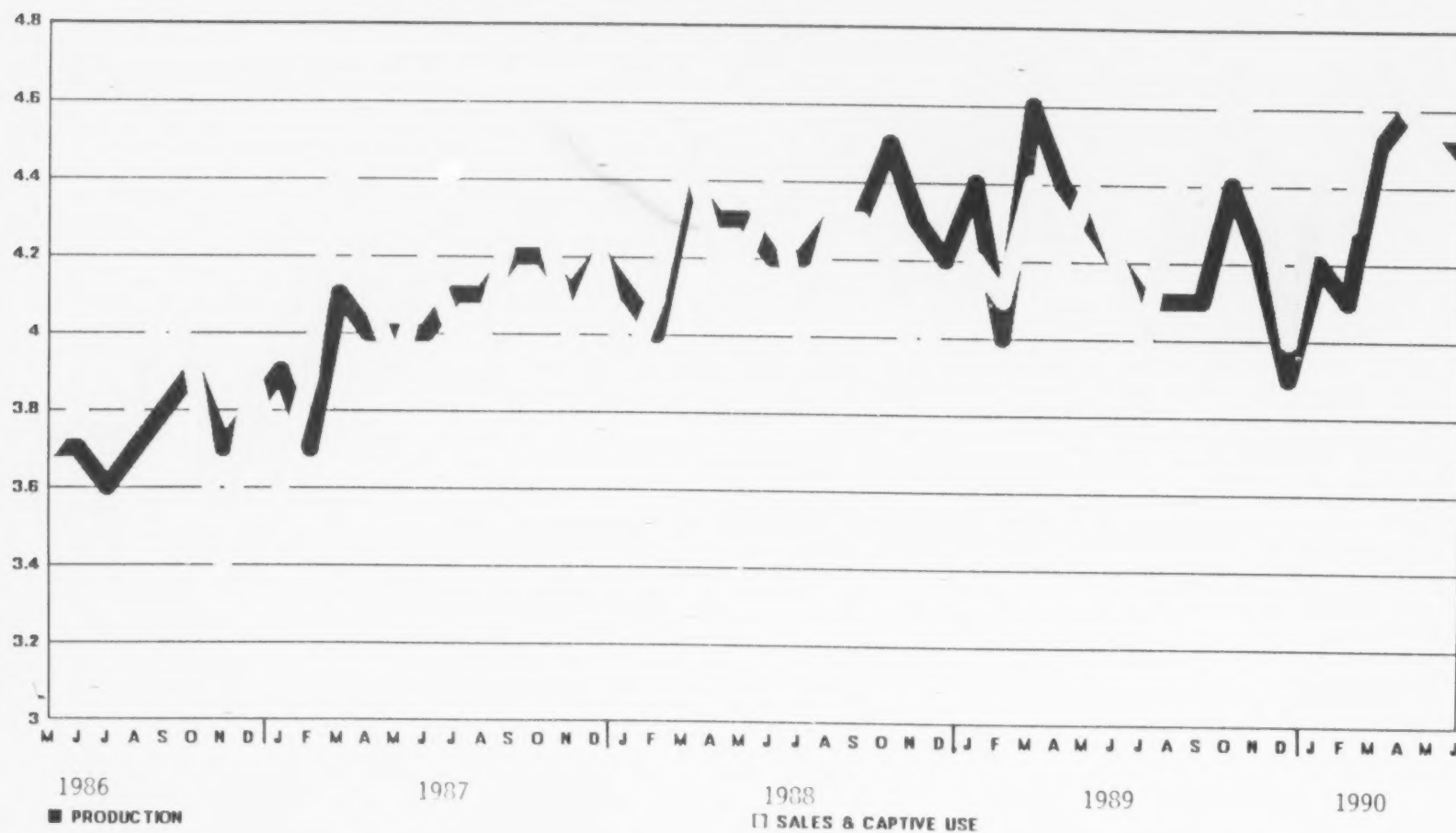
Release Date: August 15, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

JUNE 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

JUNE 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	43,878	45,193	-3.4	239,708 R	255,198	-6.1	39,835	43,037	-7.9	254,443 R	268,524	-5.2
POLYESTER (UNSATURATED) RESINS, TOTAL	102,819	115,702	-11.1	638,464 R	700,566	-9.2	104,163	113,804	-8.5	643,973 R	700,676	-8.1
UREA RESINS, TOTAL	127,898	128,631	-0.6	753,979	707,079	6.6	130,078	129,407	0.5	779,662	711,481	9.6
MELAMINE RESINS, TOTAL	14,868	19,184	-22.5	84,887	110,910	-23.5	18,927	20,370	-7.1	100,321	116,566	-13.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	252,738	252,616	0.0	1,507,587	1,452,122	3.8	254,247	254,416	-0.1	1,513,886	1,468,321	3.1
THERMOSETTING RESINS, TOTAL	541,997	561,326	-3.4	3,222,625 R	3,225,873	-0.1	547,050	561,034	-2.5	3,292,285 R	3,265,568	0.8
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	553,280	554,849	-0.3	3,493,202	3,364,551	3.8	586,939	504,039	16.4	3,574,492	3,389,726	5.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	361,806	294,064	23.0	2,245,547 R	1,778,974	26.2	342,322	208,998	63.8	1,852,349 R	1,505,316	23.1
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	675,973	672,523	0.5	4,064,614 R	3,947,246	3.0	666,121	688,170	-3.2	3,969,613 R	4,074,566	-2.1
POLYPROPYLENE, TOTAL	652,138	601,882	8.3	4,055,860 R	3,686,851	10.0	693,047	620,149	11.8	4,160,483 R	3,718,864	11.9
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	96,419	97,962	-1.6	591,858 R	661,797	-10.6	98,373	111,519	-11.8	577,548	712,823	-19.0
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	11,322	10,543	7.4	65,486	58,404	12.1	9,750	10,854	-10.2	63,105	63,869	-1.2
POLYSTYRENE RESINS, TOTAL	424,011	429,454	-1.3	2,591,493 R	2,622,142	-1.2	426,169	439,781	-3.1	2,489,910 R	2,618,667	-4.9
STYRENE BASED LATEXES, TOTAL ***	94,546	84,893	11.4	549,336 R	516,746	6.3	86,364	79,051	9.3	513,820 R	495,342	3.7
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,488	11,881	5.1	79,476 R	79,876	-0.5	12,335	11,608	6.3	74,119 R	75,091	-1.3
NYLON RESINS (6)	50,484	47,384	6.5	286,185 R	303,022	-5.6	50,570	48,159	5.0	286,213	298,249	-4.0
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	764,447	714,699	7.0	4,633,511	4,258,993	9.8	761,797	685,374	11.2	4,560,817	4,262,679	7.0
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	15,310	17,234	-11.2	96,510 R	101,950	-3.4	15,089	19,746	-23.6	111,591	111,876	-0.3
THERMOPLASTIC POLYESTER, TOTAL (6)	166,754	141,643	17.7	946,865 R	841,804	12.5	164,515	132,708	24.0	925,258	834,486	10.9
THERMOPLASTIC RESINS, TOTAL	3,878,958	3,679,011	5.4	23,701,943 R	22,222,358	6.7	3,913,391	3,560,136	9.9	23,179,318 R	22,161,554	4.6
GRAND TOTAL	4,420,955	4,240,337	4.3	26,924,568 R	25,448,231	5.8	4,460,441	4,121,170	8.2	26,471,603 R	25,427,122	4.1

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinyliden

(6) = Data includes Sales from Imports.

R = Revision.

AP920-57

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JULY 31, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
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QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

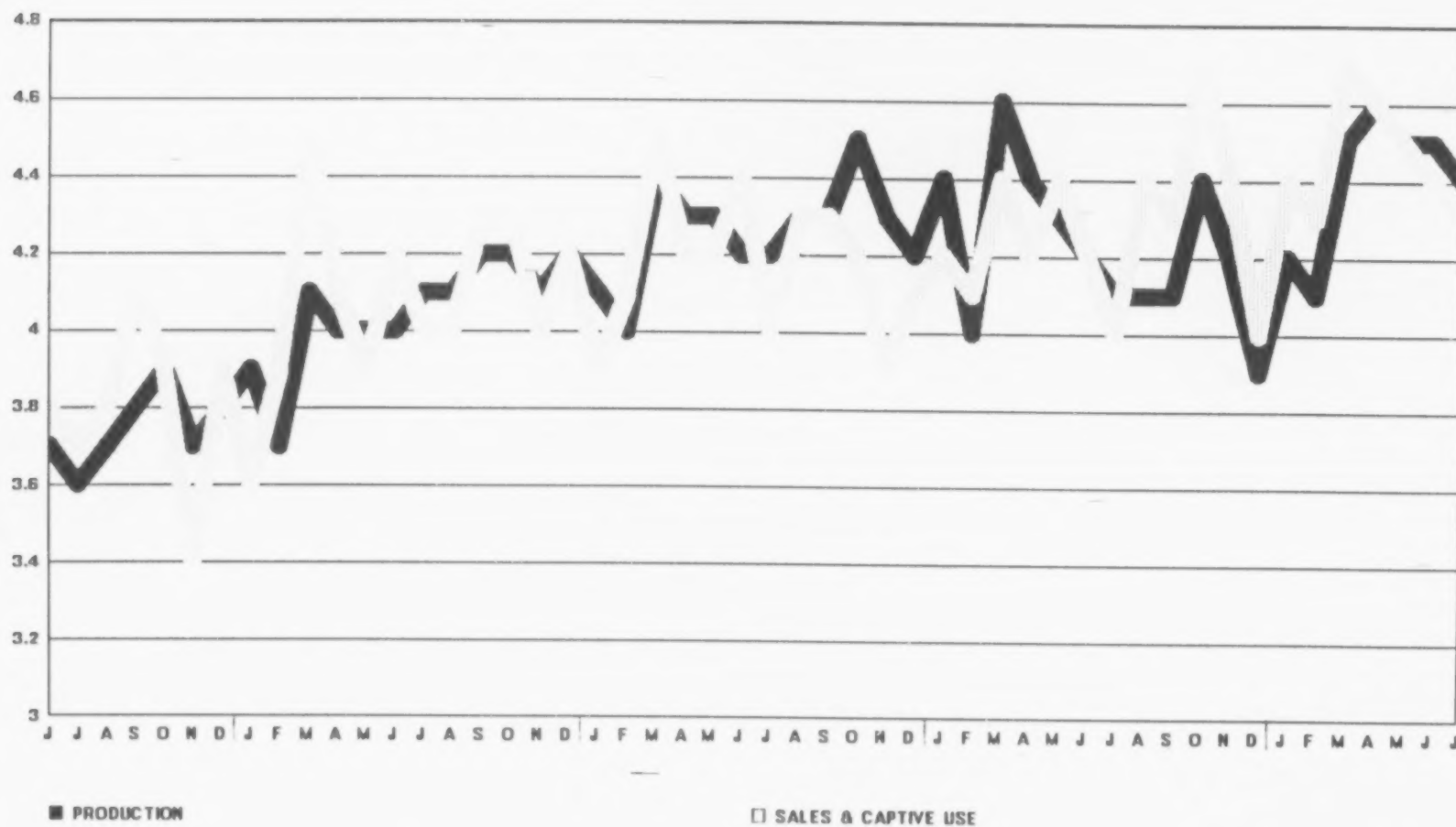
Release Date: September 14, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

JULY 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

JULY 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	37,512	39,181	-4.3	277,220	294,377	-5.8	44,770	48,908	-8.5	299,213	317,432	-5.7
POLYESTER (UNSATURATED) RESINS, TOTAL	93,978	96,156	-2.3	730,442	796,722	-8.3	96,565	99,877	-3.3	740,538	800,553	-7.5
UREA RESINS, TOTAL	115,239	120,595	-4.4	869,218	827,674	5.0	121,264	121,362	-0.1	900,926	832,843	8.2
MELAMINE RESINS, TOTAL	14,802	15,008	-1.4	99,689	125,918	-20.8	16,099	16,286	-1.1	116,420	132,852	-12.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	253,035	239,377	5.7	1,760,622	1,691,499	4.1	253,532	236,492	7.2	1,767,418	1,704,813	3.7
THERMOSETTING RESINS, TOTAL	514,566	510,317	0.8	3,737,191	3,736,190	0.0	532,230	522,925	1.8	3,824,515	3,788,493	1.0
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	559,087	527,120	6.1	4,052,289	3,891,671	4.1	621,749	506,442	22.8	4,196,241	3,896,168	7.7
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	361,437	301,974	19.7	2,606,984	2,080,948	25.3	332,861	263,766	26.2	2,185,210	1,769,082	23.5
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	708,533	651,352	8.8	4,774,015 R	4,598,598	3.8	712,497	685,788	3.9	4,702,110	4,760,354	-1.2
POLYPROPYLENE, TOTAL	635,972	531,592	19.6	4,691,832	4,218,443	11.2	660,149	575,745	14.7	4,820,632	4,294,609	12.2
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	101,372	88,783	14.2	693,530 R	750,580	-7.6	109,789	106,437	3.1	688,037 R	819,260	-16.0
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,824	8,255	31.1	77,810 R	66,659	16.7	11,400	8,686	31.2	74,505	72,555	2.7
POLYSTYRENE RESINS, TOTAL	432,997	408,373	6.0	3,024,490	3,030,515	-0.2	440,912	428,194	3.0	2,930,822	3,046,861	-3.8
STYRENE BASED LATEXES, TOTAL ***	82,878	80,365	3.1	632,214	597,113	5.9	80,330	74,362	8.0	594,150	569,704	4.3
OTHER STYRENICS, TOTAL (40% or More Styrene)	11,037	10,687	3.3	90,513	90,563	-0.1	10,487	9,576	9.5	84,606	84,667	-0.1
NYLON RESINS (6)	45,043	44,540	1.1	331,228	347,562	-4.7	49,381	46,358	6.5	335,594	344,607	-2.6
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	706,152	636,774	10.9	5,339,663	4,895,767	9.1	711,730	702,002	1.4	5,272,547	4,964,681	6.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	12,944	15,495	-16.5	111,454	117,445	-5.1	15,214	19,033	-20.1	126,805	130,909	-3.1
THERMOPLASTIC POLYESTER, TOTAL (6)	150,753	139,671	7.9	1,097,618	981,475	11.8	153,661	124,346	23.6	1,078,919	958,832	12.5
THERMOPLASTIC RESINS, TOTAL	3,819,029	3,444,961	10.9	27,523,640	25,667,339	7.2	3,910,160	3,550,735	10.1	27,090,178 R	25,712,269	5.4
GRAND TOTAL	4,333,595	3,955,298	9.6	31,260,831 R	29,403,529	6.3	4,442,390	4,073,660	9.1	30,914,693 R	29,500,782	4.8

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

N/A = Not Available.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinyliden

(6) = Data Includes Sales from Imports.

R = Revision.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)
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Page 2

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	37,512	39,181	-4.3	277,220	294,377	-5.8	44,770	48,908	-8.5	299,213	317,432	-5.7
Exports, Total	5,499	6,683	-17.7	41,576	55,187	-24.7						
Captive Use, Total	1,375	1,773	-22.4	9,848	10,184	-3.3						
Domestic Sales, Total	30,638	30,725	-0.3	225,796	229,006	-1.4						
Domestic Sales & Captive Use, Total	32,013	32,498	-1.5	235,644	239,190	-1.5						
Bonding & Adhesives	2,142	2,017	6.2	16,623	15,148	9.7						
Flooring, Paving & Exposed Aggregate	2,170	2,305	-5.9	16,009	14,433	10.9						
Protective Coatings	16,327	14,981	9.0	116,615	115,454	1.0						
Fiber Reinforced Laminates & Composites	5,729	7,073	-19.0	48,409	51,784	-6.5						
FRL&C for Printed Wiring Board	3,679	5,040	-27.0	32,010	36,252	-11.7						
All Other FRL&C	2,050	2,033	0.8	16,399	15,532	5.6						
Tooling, Casting & Molded Resins	2,277	2,304	-1.2	16,339	18,270	-10.6						
All Other Uses	3,368	3,818	-11.8	21,649	24,101	-10.2						
POLYESTER (UNSATURATED) RESINS, TOTAL(E)	93,978	96,156	-2.3	730,442	796,722	-8.3	96,565	99,877	-3.3	740,538	800,553	-7.5
Total Exports	1,657	2,476	-33.1	13,474	15,071	-10.6						
Total Domestic	92,321	93,680	-1.5	716,968	781,651	-8.3						
General Purpose Resins, Total	79,060	80,326	-1.6	619,876	674,024	-8.0						
General Purpose - Thixotropic	32,993	34,801	-5.2	247,227	301,196	-17.9						
General Purpose - Press Molding	10,928	8,840	23.6	84,558	76,519	10.5						
General Purpose - Panel	6,584	N/A		50,914	N/A							
General Purpose - All Other	28,555	36,685	-22.2	237,177	296,309	-20.0						
Flame Retardant Resins	2,075	1,773	17.0	13,920	13,871	0.4						
Chemical Resistant Resins, Total	11,186	11,581	-3.4	83,172	93,756	-11.3						
Chemical Resistant Isophthalic Resins	7,871	8,549	-7.9	59,942	71,839	-16.6						
All Other Chemical Resistant Resins	3,315	3,032	9.3	23,230	21,917	6.0						
Reinforced Plastic, Total	66,812	67,914	-1.6	524,724	587,930	-10.8						
Non-Reinforced Plastics, Total	25,509	25,766	-1.0	192,244	193,721	-0.8						

(E) = Estimate - Data includes estimates for one company.

N/A = Not Available

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	115,239	120,595	-4.4	869,218	827,674	5.0	121,264	121,362	-0.1	900,926	832,843	8.2
MELAMINE RESINS, TOTAL	14,802	15,008	-1.4	99,689	125,918	-20.8	16,099	16,286	-1.1	116,420	132,852	-12.4
UREA & MELAMINE RESINS, TOTAL	130,041	135,603	-4.1	968,907	953,592	1.6	137,363	137,648	-0.2	1,017,346	965,695	5.3
Total Exports	D1	D1		D1	D1							
Total Domestic	130,041	135,603	-4.1	968,907	953,592	1.6						
Textile Coating & Treating Resins	1,934	1,677	15.3	14,675	14,759	-0.6	3,829	2,440	56.9	27,692	17,489	58.3
Paper Coating & Treating Resins	4,419	5,587	-20.8	33,932	34,201	-0.8	4,505	5,784	-22.1	34,835	36,037	-3.3
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	99,893	108,323	-7.8	761,833	770,467	-1.1	104,856	108,181	-3.1	792,947	766,889	3.4
Laminating	1,277	4,055	-68.5	12,050	47,855	-74.8	1,408	3,605	-60.9	12,584	40,902	-69.2
Plywood	4,335	4,586	-5.5	34,152	40,528	-15.7	4,346	4,781	-9.1	34,560	41,702	-17.1
Fibrous & Granulated Wood (Particle Board)	94,281	99,682	-5.4	715,631	682,084	4.9	99,102	99,795	-0.7	745,803	684,285	9.0
Protective Coatings (Straight & Modified)	8,804	7,444	18.3	58,391	65,446	-10.8	11,086	10,579	4.8	78,471	82,960	-5.4
All Other Uses	14,991	12,576	19.2	100,076	68,719	45.6	13,087	10,664	22.7	83,401	62,320	33.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	253,035	239,377	5.7	1,760,622	1,691,499	4.1	253,532	236,492	7.2	1,767,418	1,704,813	3.7
Total Exports	2,145	1,558	37.7	14,797	10,852	36.4						
Total Domestic	250,890	237,819	5.5	1,745,825	1,680,647	3.9						
Molding Compounds	11,792	11,647	1.2	98,803	105,036	-5.9	12,041	9,777	23.2	111,089	112,091	-0.9
Bonding & Adhesive Resins for:	235,713	223,056	5.7	1,624,860	1,551,739	4.7	238,039	223,474	6.5	1,633,847	1,566,335	4.3
Laminating	14,097	18,205	-22.6	102,423	129,092	-20.7	14,139	18,225	-22.4	102,450	132,794	-22.9
Coated & Bonded Abrasives	1,617	2,400	-32.6	16,125	16,272	-0.9	1,768	2,404	-26.5	16,161	17,820	-9.3
Friction Materials	3,650	3,203	14.0	27,302	23,636	15.5	3,765	3,201	17.6	27,964	24,368	14.8
Insulation Materials	33,990	34,942	-2.7	239,963	250,733	-4.3	36,027	35,000	2.9	249,097	255,398	-2.5
Foundry & Shell Molding	6,499	3,867	68.1	46,568	27,387	70.0	6,943	3,902	77.9	46,441	28,254	64.4
Plywood	D3	127,540		D3	866,412		D3	128,541		D3	867,202	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	1,632		D3	8,796		D3	1,622		D3	9,170	
All Other	175,860	31,267	N/C	1,192,479	229,411	N/C	175,397	30,579	N/C	1,191,734	231,329	N/C
Protective Coatings - Unmodified & Modified	D2	954		D2	7,736		D2	936		D2	7,437	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,385	2,162	N/C	22,162	16,136	N/C	3,452	2,305	N/C	22,482	18,950	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.

D2 = Disclosure: Included in All Other Uses.

D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.

N/C = Not Comparable.

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	559,087	527,120	6.1	4,052,289	3,891,671	4.1	637,896	514,721	23.9	4,296,618	3,953,964	8.7
Imports, Total							16,147	8,279	95.0	100,377	57,796	73.7
Exports, Total	68,687	70,940	-3.2	466,048	515,620	-9.6						
Domestic, Total	490,400	456,180	7.5	3,586,241	3,376,051	6.2	621,749	506,442	22.8	4,196,241	3,896,168	7.7
Film (12 Mils & Below)	295,302	261,906	12.8	2,107,286	1,909,995	10.3						
Packaging Film	200,809	177,600	13.1	1,437,945	1,299,455	10.7						
Food Packaging Film	89,893	84,039	7.0	679,476	620,820	9.4						
Non-Food Packaging Film	86,628	75,009	15.5	594,267	544,145	9.2						
Shrink Film	13,660	D10		91,017	D10							
Stretch Film	10,628	18,552	N/C	73,185	134,490	N/C						
Non-Packaging Film	94,493	84,306	12.1	669,341	610,540	9.6						
Carry-Out Bags	14,623	7,628	91.7	72,605	68,281	6.3						
Trash and Can Liners	30,040	28,298	6.2	209,230	217,055	-3.6						
Other Non-Packaging Film	49,830	48,380	3.0	387,506	325,204	19.2						
Sheet (Over 12 Mils)	5,205	6,130	-15.1	41,459	53,750	-22.9						
Injection Molding	27,710	28,492	-2.7	215,566	230,432	-6.5						
Injection Molded Lids	5,757	4,756	21.0	45,939	30,116	52.5						
Injection Molded Housewares	3,777	2,896	30.4	28,418	30,970	-8.2						
Other Injection Molding	18,176	20,840	-12.8	141,209	169,346	-16.6						
Wire and Cable	18,046	D5		156,856	D5							
Extrusion Coating	61,547	D5		440,623	D5							
Blow Molding	4,843	4,666	3.8	35,816	37,976	-5.7						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	8,159	84,596	N/C	52,029	614,541	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	45,050	47,015	-4.2	319,703	312,268	2.4						
Resellers	28,355	37,213	-23.8	222,830	239,245	-6.9						
Compounders	16,695	9,802	70.3	96,873	73,023	32.7						
Adhesives and Sealants	7,470	D2		61,973	D2							
All Other Uses	17,068	23,375	N/C	154,930	217,089	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

N/C = Not Comparable

PAGE 5

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	361,437	301,974	19.7	2,606,984	2,080,948	25.3	404,065	316,733	27.6	2,664,634	2,145,936	24.2
Imports, Total							71,204	52,967	34.4	479,424	376,854	27.2
Exports, Total	20,344	11,486	77.1	130,033	87,183	49.1						
Domestic, Total	341,093	290,488	17.4	2,476,951	1,993,765	24.2	332,861	263,766	26.2	2,185,210	1,769,082	23.5
Film (12 Mils & Below)	219,567	182,228	20.5	1,625,277	1,267,108	28.3						
Packaging Film	97,679	80,291	21.7	708,180	588,721	20.3						
Food Packaging Film	15,714	13,372	17.5	124,301	106,965	16.2						
Non-Food Packaging Film	55,175	46,610	18.4	391,133	331,655	17.9						
Shrink Film	D10	D10		D10	D10							
Stretch Film	26,790	20,309	31.9	192,746	150,101	28.4						
Non-Packaging Film	121,888	101,937	19.6	917,097	678,387	35.2						
Carry-Out Bags	19,743	14,044	40.6	140,256	109,106	28.6						
Trash and Can Liners	81,740	71,154	14.9	602,425	457,975	31.5						
Other Non-Packaging Film	20,405	16,739	21.9	174,416	111,306	56.7						
Sheet (Over 12 Mils)	1,868	3,150	-40.7	9,311	18,750	-50.3						
Injection Molding	48,777	42,720	14.2	298,760	239,433	24.8						
Injection Molded Lids	16,334	20,631	-20.8	105,362	115,820	-9.0						
Injection Molded Housewares	22,563	16,318	38.3	126,631	82,525	53.4						
Other Injection Molding	9,880	5,771	71.2	66,767	41,088	62.5						
Wire and Cable	9,765	D5		85,164	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,758	1,802	-2.4	17,611	10,012	75.9						
Pipe and Conduit, Total	4,982	D5		36,404	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,523	19,200	N/C	18,985	140,812	N/C						
Rotomolding	28,974	D2		183,584	D2							
Resellers & Compounders, Total	16,650	13,928	19.5	134,036	112,047	19.6						
Resellers	6,384	9,524	-33.0	65,721	79,515	-17.3						
Compounders	10,266	4,404	133.1	68,315	32,532	110.0						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	6,229	27,460	N/C	67,819	205,603	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

D10 = Disclosure: Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940. TOTAL	708,533	651,352	8.8	4,774,015	R 4,598,598	3.8	712,497	685,788	3.9	4,702,110	4,780,354	-1.2
Exports, Total	55,500	64,021	-13.3	384,420	R 489,644	-18.1						
Domestic, Total	653,033	587,331	11.2	4,389,595	R 4,128,954	6.3						
Film (12 Mills & Below)	70,956	67,871	4.5	506,562	R 445,938	13.6						
Packaging Film	17,012	17,275	-1.5	139,923	R 111,615	25.4						
Food Packaging Film	12,280	12,179	0.8	96,144	R 76,364	25.9						
Non-Food Packaging Film	4,732	5,096	-7.1	43,779	R 35,251	24.2						
Non-Packaging Film	53,944	50,596	6.6	366,639	R 334,323	9.7						
Retail Bags	38,547	24,549	F N/C	269,096	R 169,848	F N/C						
Grocery Sacks & T-Shirt Bags	20,827	N/A		141,055	R N/A							
All Other Retail Bags	4,398	N/A		36,437	R N/A							
Trash Bags/Can Liners	13,322	D9		91,604	R D9							
All Other Non-Packaging Film	15,397	26,047	N/C	97,543	R 164,475	N/C						
Sheet (Over 12 Mills)	31,168	20,378	53.0	227,695	R 180,868	25.9						
Injection Molding, Total	143,991	122,845	17.2	894,901	R 826,192	8.3						
Pails (5 gallons or less)	38,332	37,806	1.4	254,942	R 248,037	2.8						
Housewares	12,246	11,732	4.4	60,909	R 62,908	-3.2						
Food Tubs/Containers & Drink Cups	28,530	22,813	25.1	179,438	R 145,756	23.1						
Crates and Totes	18,662	11,935	58.0	113,425	R 96,255	17.8						
Toys/Novelties/Sporting Goods	3,599	N/A		35,143	R N/A							
Caps and Closures	8,265	N/A		62,242	R N/A							
All Other Injection Molding	34,157	38,559	N/C	188,802	R 273,238	N/C						
Wire and Cable	13,364	13,504	-1.0	101,614	R 91,250	11.4						
Blow Molding, Total	229,074	234,911	-2.5	1,632,529	R 1,678,671	-2.7						
Motor Oil Bottles	17,056	17,000	0.3	127,736	R 109,454	16.7						
Liquid Food Bottles	80,556	72,982	10.4	544,018	R 523,665	3.9						
Household Chemical Bottles	71,244	70,477	1.1	510,636	R 512,023	-0.3						
Industrial Drums	10,239	20,661	G N/C	76,059	152,720	G N/C						
Gas Tanks, All Uses	3,760	N/A		19,948	R N/A							
Pharm., Cosmetics, & Toiletries	16,081	N/A		128,716	R N/A							
All Other Blow Molding	30,138	53,791	N/C	225,418	R 380,809	N/C						
Pipe and Conduit, Total	57,191	38,060	50.3	315,214	R 280,582	12.3						
Corrugated	8,258	7,708	7.1	58,347	R 52,324	11.5						
Non-Corrugated	48,933	30,352	61.2	256,867	R 228,258	12.5						
Gas Distribution	13,079	N/A		86,831	R N/A							
Water	D11	N/A		D11	R N/A							
Industrial/Sewer	D11	N/A		D11	R N/A							
All Other Non-Corrugated Pipe	35,854	N/A		170,036	R N/A							
Other Extruded Products	7,430	5,112	45.3	50,223	R 40,713	23.4						
Rotomolding	5,507	6,306	-12.7	42,492	R 40,738	4.3						
Reseller & Compounders, Total	72,396	55,610	30.2	448,645	R 389,490	15.2						
Resellers	65,821	51,073	28.9	417,126	R 353,037	18.2						
Compounders	6,575	4,537	44.9	31,519	R 36,453	-13.5						
All Other HDPE	21,956	22,736	-3.4	169,720	R 154,512	9.8						

D9 = Disclosure: Included in Other Non-Packaging Film.

D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

N/C = Not Comparable.

N/A = Not Available

R = Revision

F = Reported as Carry Out Bags in 1989.

G = Reported as Large Containers in 1989.

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	635,972	531,592	19.6	4,691,832	4,218,443	11.2	660,149	575,745	14.7	4,820,632	4,294,609	12.2
Exports, Total	113,743	60,679	87.5	868,658	681,462	27.5						
Domestic, Total	522,229	470,913	10.9	3,823,174	3,536,981	8.1						
Injection Molding, Total	148,398	134,156	10.6	1,128,058 R	1,055,961	6.8						
Appliances	13,184	10,648	23.8	104,831 R	95,118	10.2						
Consumer Products	47,710	48,506	-1.6	368,232 R	326,124	12.9						
Rigid Packaging	50,934	44,276	15.0	381,798	361,226	5.7						
Transportation	22,351	20,417	9.5	169,781	163,093	4.1						
All Other Injection Molding	14,219	10,309	37.9	103,416	110,400	-6.3						
Blow Molding	12,921	9,188	40.6	85,342	71,825	18.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mills & Below), Total	50,704	52,082	-2.6	345,103	350,712	-1.6						
Oriented Film	41,612	41,034	1.4	278,280	269,252	3.4						
Non-Oriented Film	9,092	11,048	-17.7	66,823	81,460	-18.0						
Sheet (Over 10 Mills), Total	10,540	7,707	36.8	78,845	76,001	3.7						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	1,771	D5		11,998	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	173,349	165,634	4.7	1,218,975	1,138,778	7.0						
Textile Applications	164,976	159,290	3.6	1,149,997	1,081,842	6.3						
Nonwovens	49,163	44,783	9.8	350,893	286,945	22.3						
Monofilament & Multifilament Fibers	58,898	64,161	-8.2	404,257	496,858	-18.6						
Slit Film Fibers	56,915	50,346	13.0	394,847	298,039	32.5						
Non-Textile Monofilaments	8,373	6,344	32.0	68,978	56,936	21.2						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	9,883	5,895	N/C	71,782	57,057	N/C						
Resellers/Distributors/Compounders, Total	107,057	92,142	16.2	845,592	747,209	13.2						
Resellers	36,484	65,380 C	N/C	311,757	510,314 C	N/C						
Distributors	26,586	N/A		224,869	N/A							
Compounders	43,987	26,762	64.4	308,966	236,895	30.4						
All Other Uses	7,606	4,109	85.1	37,479 R	39,438	-5.0						

D5 = Disclosure: Included in Other Extruded Products.

D = Disclosure

C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable

N/A = Not Available

R = Revision

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL (E)	432,997	408,373	6.0	3,024,490	3,030,515	-0.2	440,912	428,194	3.0	2,930,822	3,046,861	-3.8
Crystal (Solid) Polystyrene	232,226	218,252 A	N/C	1,620,277	1,626,987 A	N/C	165,893	232,250 A	N/C	1,148,881	1,664,379 A	N/C
Rubber Modified Polystyrene	200,771	190,121	5.6	1,404,213	1,403,528	0.0	218,443	195,944	11.5	1,365,742	1,382,482	-1.2
Expandable Polystyrene							56,576			416,199		
D13				D13								
Exports, Total	14,309	15,448	-7.4	104,209	120,483	-13.5						
Crystal (Solid) Polystyrene	7,641	8,625 A	N/C	59,515	67,024 A	N/C						
Rubber Modified Polystyrene	6,668	6,823	-2.3	44,694	53,459	-16.4						
Expandable Polystyrene				D13								
Domestic, Total	418,688	392,925	6.6	2,920,281	2,910,032	0.4						
Molding	148,983	154,522	-3.6	1,012,823 R	1,184,624	-14.5						
Extrusion	195,060	169,764	14.9	1,420,919 R	1,232,094	15.3						
Expandable Polystyrene	61,820	57,863	6.8	402,059	398,494	0.9						
Block	26,510	22,254	19.1	152,177	147,529	3.2						
Shape	12,830	10,233	25.4	89,694	85,903	4.4						
Loose Fill	D6	D6		D6	D6							
Other EPS	22,480	25,376	-11.4	160,188	165,062	-3.0						
All Other Uses	12,825	10,776	19.0	84,480	94,820	-10.9						
Polystyrene End-Uses, Total	418,688	392,925	6.6	2,920,281	2,910,032	0.4						
Packaging & One Time Use	169,314	162,114 B	4.4	1,139,790	1,129,917 B	0.9						
Consumer & Institutional Products	40,710	51,940	-21.6	305,638	428,191	-28.6						
Electrical/Electronics	53,512	46,122	16.0	398,658	369,280	8.0						
Furniture, Furnishings, Bldg. & Construction	26,615	22,622	17.7	187,905	175,088	7.3						
Expandable Polystyrene	61,820	57,863	6.8	402,059	398,494	0.9						
Resellers and Compounders	51,292	44,704	14.7	357,729	306,102	16.9						
All Other End-Uses	15,425	7,560	104.0	128,502	102,960	24.8						

D6 = Disclosure: Included in Other EPS

D13 = Included in Crystal(Solid) Polystyrene

A = Reported as Straight Polystyrene in 1989.

B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

E = Estimate - Data includes estimates for one company.

N/C = Not Comparable

D = Disclosure

R = Revision

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MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	101,372	88,783	14.2	693,530 R	750,580	-7.6	109,789	106,437	3.1	688,037 R	819,260	-16.0
SAN (STYRENE-ACRYLONITRILE), TOTAL	10,824	8,255	31.1	77,810 R	66,659	16.7	11,400	8,686	31.2	74,505	72,555	2.7
Total Exports	4,166	1,943	114.4	28,932 R	21,411	35.1						
Total Domestic	6,658	6,312	5.5	48,878 R	45,248	8.0						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	11,037	10,687	3.3	90,513	90,563	-0.1	10,487	9,576	9.5	84,606	84,667	-0.1
ABS, SAN, & OTHER STYRENICS, TOTAL	123,233	107,725	14.4	861,853 R	907,802	-5.1	131,676	124,699	5.6	847,148 R	976,482	-13.2
Total Exports	N.R. 1	N.R. 1		N.R. 1	N.R. 1							
Total Domestic	123,233	107,725	14.4	861,853 R	907,802	-5.1						
Electrical/Electronics	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
Building & Construction	9,612	10,894	-11.8	79,600 R	93,583	-14.9						
Transportation	30,905	27,275	13.3	223,772 R	241,895	-7.5						
Consumer & Institutional	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
All Other Uses	82,716	69,556	18.9	558,481 R	572,324	-2.4						
STYRENE BASED LATEXES, TOTAL (E)	82,878	80,365	3.1	632,214	597,113	5.9	80,330	74,362	8.0	594,150	569,704	4.3
Carpet Backing	24,522	29,539	-17.0	206,312	222,529	-7.3						
All Other Uses	58,356	50,826	14.8	425,902	374,584 J	13.7						
NYLON RESINS, TOTAL (E)	45,043	44,540	1.1	331,228	347,562	-4.7	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	6,392	7,325	-12.7	42,873	45,821	-6.4						
Domestic, Total	38,651	37,215	3.9	288,355	301,741	-4.4	49,381	46,358	6.5	335,594	344,607	-2.6
Injection Molding Grade	22,803	21,988	3.7	169,690	180,486	-6.0						
Extrusion Grade	12,628	11,262	12.1	91,175	87,342	4.4						
Resellers & Compounders	1,807	2,849	-36.6	21,154	24,005	-11.9						
All Other Uses	1,413	1,116	26.6	6,336	9,908	-36.1						
Nylon End-Uses, Total	38,651	37,215	3.9	288,355	301,741	-4.4						
Automotive and Truck	13,658	N/A		97,129	N/A							
Electrical and Electronic	3,207	N/A		33,764	N/A							
Appliances	1,094	N/A		8,113	N/A							
Film and Coating	6,758	N/A		44,538	N/A							
Wire and Cable	3,665	N/A		20,950	N/A							
Monofilament	1,615	N/A		12,856 R	N/A							
Consumer	1,795	N/A		12,044	N/A							
Industrial/Machinery	3,376	N/A		25,743	N/A							
All Other End-Uses	3,483	N/A		33,218 R	N/A							

N.R.1 - Not Reported; Included in Total Domestic and All Other Uses.

N.R.2 - Not Reported; Included in All Other Uses.

* - Styrene Based Latexes Sales include some Canadian produced material.

J - Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.

E - Estimate - Data includes estimates for one company.

R = Revision

N/A = Not Available

(E) - Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	706,152	636,774	10.9	5,339,663	4,895,767	9.1	711,730	702,002	1.4	5,272,547	4,964,681	6.2
Homopolymer Resins, Including Blending & Latex	656,113	585,074	12.1	4,940,473	4,483,946	10.2	664,438	654,318	1.5	4,861,208	4,546,145	6.9
Copolymer Resins, Including Blending & Latex	12,900	18,624	-30.7	114,932	126,997	-9.5	11,234	14,108	-20.4	112,444	127,522	-11.8
Dispersion Resins	37,139	33,076	12.3	284,258	284,824	-0.2	36,058	33,576	7.4	298,895	291,014	2.7
Exports, Total	61,429	62,066	-1.0	511,006	413,448	23.6						
Domestic, Total	644,723	574,708	12.2	4,828,657	4,482,319	7.7						
Calendering, Total	74,457	76,814	-3.1	554,150	516,399	7.3						
Flooring	14,425	17,931	-19.6	128,622	121,544	5.8						
Textile	6,686	15,008	-55.5	60,957	73,909	-17.5						
All Other Calendering Uses	53,346	43,875	21.6	364,571	320,946	13.6						
Coating, Total	25,453	24,956	2.0	192,724	212,265	-9.2						
Flooring	9,978	10,091	-1.1	86,942	87,752	-0.9						
Textile and Paper Coating	8,165	7,471	9.3	52,717	62,450	-15.6						
Protective Coatings	3,890	3,663	6.2	26,433	30,370	-13.0						
Adhesives & All Other Coating Uses	3,420	3,731	-8.3	26,632	31,693	-16.0						
Extrusion, Total	451,308	393,016	14.8	3,293,428	3,032,614	8.6						
Wire and Cable	23,764	24,615	-3.5	219,977	225,791	-2.6						
Film and Sheet, Packaging	18,557	27,954	-33.6	182,166	190,291	-4.3						
Film and Sheet, Non-Packaging	2,749	3,201	-14.1	25,510	31,788	-19.7						
Siding, Siding Acc. & Mobile Home Skirting	71,559	68,457	4.5	494,510	450,840	9.7						
Rigid Pipe and Tubing (except fittings)	289,576	225,777	28.3	2,023,282	1,818,953	11.2						
All Other Extrusion Uses	45,103	43,012	4.9	347,983	314,951	10.5						
Molding, Total	41,192	34,410	19.7	309,711	308,713	0.3						
Bottles	16,738	12,219	37.0	132,152	125,523	5.3						
Fittings (Rigid Pipe and Tubing)	15,522	10,707	45.0	104,615	92,410	13.2						
All Other Molding Uses	8,932	11,484	-22.2	72,944	90,780	-19.6						
Paste Processes (except coating), Total	13,995	12,350	13.3	103,229	104,091	-0.8						
Plastisol Formulation	7,924	6,748	17.4	56,814	55,543	2.3						
All Other Paste Process Uses	6,071	5,602	8.4	46,415	48,548	-4.4						
Resellers & Compounders	23,866	17,884	33.4	203,893	186,664	9.2						
All Other Uses	14,452	15,278	-5.4	171,522	121,573	41.1						

SECTION II - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	12,944	15,495	-16.5	111,454	117,445	-5.1	15,214	19,033	-20.1	126,805	130,909	-3.1
Exports, Total	4,089	5,657	-27.7	39,514	41,634	-5.1						
Domestic, Total	8,855	9,838	-10.0	71,940	75,811	-5.1						
THERMOPLASTIC POLYESTER, TOTAL (6)	150,753	139,671	7.9	1,097,618	981,475	11.8	153,661	124,346	23.6	1,078,919	958,832	12.5
Exports, Total	29,275	28,116	4.1	213,051	168,030	26.8						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	121,478	111,555	8.9	884,567	813,445	8.7						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	80,610	76,517	5.3	618,745	545,708	13.4						
PET/PBT Resellers & Compounds	N.R.4	N/A		N.R.4	N/A							
All Other Thermoplastic Polyester	40,868	35,038	16.6	265,822	267,737	-0.7						

(2) - The publishing of PVAC data has been suspended.

(3) - The publishing of PVOH data has been suspended.

(4) - Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

R = Revision

N.R. = Not Reported

D = Disclosure

(6) - Includes sales from imports.

The Society of the
Plastics Industry, Inc.



Monthly Statistical Report-Resins

1275 K Street, N.W., N400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JUNE 30, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: September 14, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

JUNE 1990

RESIN KIND	JUNE				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS
EPOXY RESIN, TOTAL	39.6	36.7	1.6	5.6	254.4 R	195.2 R	7.9	36.1
POLYESTER (UNSATURATED) RESINS, TOTAL	104.2	100.8	0.7	7.3	644.0 R	624.6 R	3.4	51.9
UREA RESINS, TOTAL **	130.1	127.9	1.7	4.2	779.7	754.0	10.9	20.8
MELAMINE RESINS, TOTAL **	18.9	14.9	0.4	1.4	100.3	84.9	2.3	7.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	254.2	250.9	4.2	9.1	1,513.9	1,494.9	21.2	51.7
THERMOSETTING RESINS, TOTAL	547.0	531.2	8.6	27.6	3,292.3	3,153.6	45.7	168.1
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	586.9	491.2	26.9	57.0	3,574.5	3,095.8	121.6	397.2
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	342.3	343.4	73.9	21.1	1,852.3 R	2,135.9 R	424.8	134.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	666.1	620.3	44.8	64.0	3,989.6 R	3,735.6 R	251.6	439.3
POLYPROPYLENE, TOTAL	693.0	533.6	5.1	140.8	4,160.5 R	3,300.9 R	31.1	865.2
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	98.4	96.4	8.6	14.2	577.5	591.9 R	41.0	78.7
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	9.8	6.2	0.9	7.3	63.1	42.1	3.6	37.6
OTHER STYRENICS **	98.7	107.0	0.1	13.9	587.9 R	628.8 R	2.4	86.0
POLYSTYRENE RESINS, TOTAL	426.2	405.8	9.2	22.5	2,489.9 R	2,501.6 R	42.3	149.2
NYLON RESINS, TOTAL (6)	50.6	42.4	9.5	12.8	286.2	249.7	36.5	79.3
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	761.8	696.8	11.5	55.1	4,560.8	4,183.9	68.5	471.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	15.1	10.3	N/A	N/A	111.6	63.1 R	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	164.5	130.5	5.8	40.0	925.3	763.1 R	31.3	224.3
THERMOPLASTIC RESINS, TOTAL	3,913.4	3,483.9	196.3	448.7	23,179.2 R	21,292.4 R	1,054.7	2,962.3
GRAND TOTAL	4,460.4	4,015.1	204.9	476.3	26,471.5 R	24,446.0 R	1,100.4	3,130.4

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH + PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

Sources: Sales and Production - SPI Monthly Statistical Report

Imports - Bureau of the Census (IM 145)

Exports - Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

AUGUST 31, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

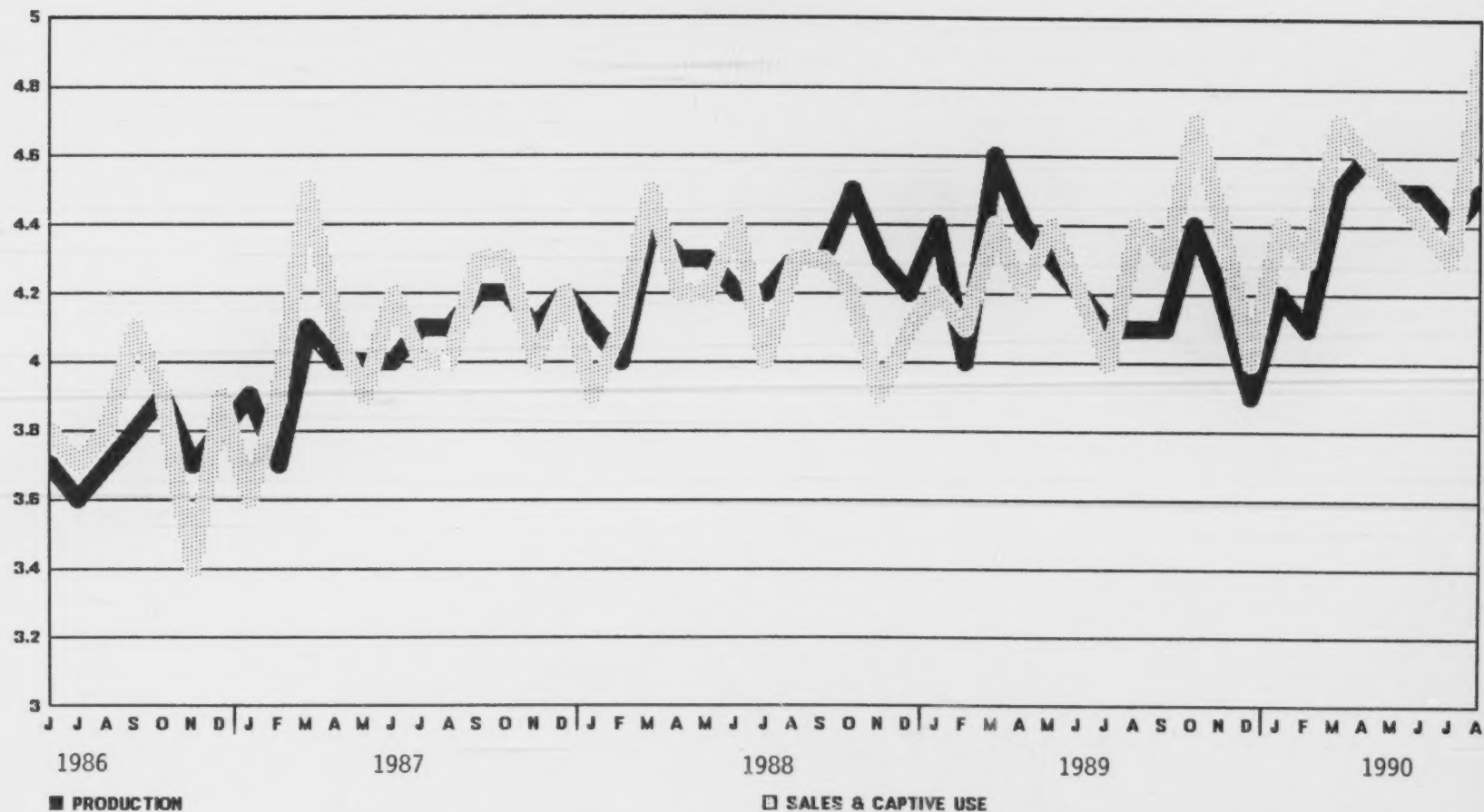
Release Date: October 12, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

AUGUST 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

AUGUST 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	39,121	38,556	1.5	313,341	332,933	-5.0	43,669	41,690	4.7	342,882	359,122	-4.5
POLYESTER (UNSATURATED) RESINS, TOTAL	103,419	112,794	-8.3	833,861	909,516	-8.3	104,042	113,596	-8.4	844,580	914,149	-7.6
UREA RESINS, TOTAL	120,485	122,336	-1.5	989,703	950,010	4.2	124,807	122,014	2.3	1,025,733	954,857	7.4
MELAMINE RESINS, TOTAL	16,137	18,278	-11.7	115,826	144,196	-19.7	17,729	17,256	2.7	134,149	150,108	-10.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	239,880	235,040	2.1	1,999,914 R	1,926,539	3.8	245,462	233,085	5.3	2,012,292 R	1,937,896	3.8
THERMOSETTING RESINS, TOTAL	519,042	527,004	-1.5	4,255,645 R	4,263,194	-0.2	535,709	527,641	1.5	4,359,636	4,316,134	1.0
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	655,830	596,952	9.9	4,708,119	4,488,623	4.9	612,691	513,385	19.3	4,808,932	4,409,553	9.1
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	435,716	335,838	29.7	3,042,700	2,416,786	25.9	330,698	216,425	52.8	2,486,808 R	1,985,507	25.2
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	798,133	723,448	10.3	5,572,148	5,322,046	4.7	721,324	731,696	-1.4	5,423,434	5,492,050	-1.2
POLYPROPYLENE, TOTAL	758,283	606,265	25.1	5,450,115	4,824,708	13.0	653,339	562,587	16.1	5,473,971	4,857,196	12.7
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	101,947	88,267	15.5	795,477	838,847	-5.2	91,629	94,895	-3.4	779,666	914,155	-14.7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	13,268	8,016	65.5	91,078	74,675	22.0	13,634	9,489	43.7	88,139	82,044	7.4
POLYSTYRENE RESINS, TOTAL	467,658	447,868	4.4	3,490,083 R	3,478,383	0.3	426,445	418,811	1.8	3,354,895 R	3,485,672	-3.2
STYRENE BASED LATEXES, TOTAL ***	100,995	92,608	9.1	732,867 R	689,721	6.3	93,099	88,952	4.7	688,579 R	658,856	4.5
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,835	13,424	-4.4	103,346	103,987	-0.6	11,321	11,643	-2.8	95,927	96,310	-0.4
NYLON RESINS (6)	51,482	45,667	12.7	382,710	393,229	-2.7	48,301	45,540	6.1	383,895	390,147	-1.6
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	808,014	736,980	9.6	6,147,677	5,632,747	9.1	770,956	709,926	8.6	6,043,503	5,674,607	6.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	16,526	17,100	-3.4	127,980	134,545	-4.9	17,939	19,133	-6.2	144,744	150,042	-3.5
THERMOPLASTIC POLYESTER, TOTAL (6)	148,912	150,987	-1.4	1,246,530	1,132,462	10.1	161,293	120,047	34.4	1,240,212	1,078,879	15.0
THERMOPLASTIC RESINS, TOTAL	4,369,599	3,863,420	13.1	31,890,832	29,530,759	8.0	3,952,666	3,542,529	11.6	31,012,705 R	29,254,818	6.0
GRAND TOTAL	4,888,641	4,390,424	11.3	36,146,477	33,793,953	7.0	4,488,378	4,070,170	10.3	36,372,341 R	33,570,952	5.4

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

N/A = Not Available.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinyliden

(6) = Data Includes Sales from Imports.

R = Revision.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)
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Page 2

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	39,121	38,556	1.5	316,341	332,933	-5.0	43,669	41,690	4.7	342,882	359,122	-4.5
Exports, Total	6,163	6,758	-8.8	47,739	61,945	-22.9						
Captive Use, Total	1,227	1,673	-26.7	11,075	11,857	-6.6						
Domestic Sales, Total	31,731	30,125	5.3	257,527	259,131	-0.6						
Domestic Sales & Captive Use, Total	32,958	31,798	3.6	268,602	270,988	-0.9						
Bonding & Adhesives	2,138	1,873	14.1	18,761	17,021	10.2						
Flooring, Paving & Exposed Aggregate	1,749	2,022	-13.5	17,758	16,455	7.9						
Protective Coatings	16,776	15,131	10.9	133,391	130,585	2.1						
Fiber Reinforced Laminates & Composites	6,991	6,535	7.0	55,400	58,319	-5.0						
FRL&C for Printed Wiring Board	4,566	4,275	6.8	36,576	40,527	-9.7						
All Other FRL&C	2,425	2,260	7.3	18,824	17,792	5.8						
Tooling, Casting & Molded Resins	2,380	2,414	-1.4	18,719	20,684	-9.5						
All Other Uses	2,924	3,823	-23.5	24,573	27,924	-12.0						
POLYESTER (UNSATURATED) RESINS, TOTAL (E)	103,419	112,794	-8.3	833,861	909,516	-8.3	104,042	113,596	-8.4	844,580	914,149	-7.6
Total Exports	1,344	2,630	-48.9	14,818	17,701	-16.3						
Total Domestic	102,075	110,164	-7.3	819,043	891,815	-8.2						
General Purpose Resins, Total	87,135	95,200	-8.5	707,011	769,224	-8.1						
General Purpose - Thixotropic	33,469	41,517	-19.4	280,696	342,713	-18.1						
General Purpose - Press Molding	12,324	11,593	6.3	96,882	88,112	10.0						
General Purpose - Panel	6,901	N/A		57,815	N/A							
General Purpose - All Other	34,441	42,090	-18.2	271,618	338,399	-19.7						
Flame Retardant Resins	1,865	2,099	-11.1	15,785	15,970	-1.2						
Chemical Resistant Resins, Total	13,075	12,865	1.6	96,247	106,621	-9.7						
Chemical Resistant Isophthalic Resins	9,238	9,110	1.4	69,180	80,949	-14.5						
All Other Chemical Resistant Resins	3,837	3,755	2.2	27,067	25,672	5.4						
Reinforced Plastic, Total	74,769	81,156	-7.9	599,493	669,086	-10.4						
- Non-Reinforced Plastics, Total	27,306	29,008	-5.9	219,550	222,729	-1.4						

(E) = Estimate - Data includes estimates for one company.

N/A = Not Available

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	120,485	122,336	-1.5	989,703	950,010	4.2	124,807	122,014	2.3	1,025,733	954,857	7.4
MELAMINE RESINS, TOTAL	16,137	18,278	-11.7	115,826	144,196	-19.7	17,729	17,256	2.7	134,149	150,108	-10.6
UREA & MELAMINE RESINS, TOTAL	136,622	140,614	-2.8	1,105,529	1,094,206	1.0	142,536	139,270	2.3	1,159,882	1,104,965	5.0
Total Exports	D1	D1		D1	D1							
Total Domestic	136,622	140,614	-2.8	1,105,529	1,094,206	1.0						
Textile Coating & Treating Resins	2,213	2,111	4.8	16,888	16,870	0.1	3,200	2,702	18.4	30,892	20,191	53.0
Paper Coating & Treating Resins	5,014	5,782	-13.3	38,946	39,983	-2.6	5,382	5,894	-8.7	40,217	41,931	-4.1
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	106,171	111,144	-4.5	868,004	881,611	-1.5	109,424	109,486	-0.1	902,371	876,375	3.0
Laminating	1,524	5,534	-72.5	13,574	53,389	-74.6	1,613	4,620	-65.1	14,197	45,522	-68.8
Plywood	5,336	5,315	0.4	39,488	45,843	-13.9	5,337	5,303	0.6	39,897	47,005	-15.1
Fibrous & Granulated Wood (Particle Board)	99,311	100,295	-1.0	814,942	782,379	4.2	102,474	99,563	2.9	848,277	783,848	8.2
Protective Coatings (Straight & Modified)	9,639	8,621	11.8	68,030	74,067	-8.2	11,929	10,020	19.1	90,400	92,980	-2.8
All Other Uses	13,585	12,956	4.9	113,661	81,675	39.2	12,601	11,168	12.8	96,002	73,488	30.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	239,880	235,040	2.1	1,999,914 R	1,926,539	3.8	245,462	233,085	5.3	2,012,292 R	1,937,898	3.8
Total Exports	1,545	1,243	24.3	16,342	12,095	35.1						
Total Domestic	238,335	233,797	1.9	1,983,572 R	1,914,444	3.6						
Molding Compounds	15,471	15,601	-0.8	114,274	120,637	-5.3	15,730	16,550	-5.0	126,819	128,641	-1.4
Bonding & Adhesive Resins for:	219,456	214,556	2.3	1,843,728 R	1,766,295	4.4	226,387	212,718	6.4	1,859,646 R	1,779,053	4.5
Laminating	13,860	19,356	-28.4	116,283	148,448	-21.7	14,182	19,315	-26.6	116,632	152,109	-23.3
Coated & Bonded Abrasives	2,208	1,564	41.2	18,333	17,836	2.8	1,949	1,566	24.5	18,110	19,386	-6.6
Friction Materials	4,266	3,219	32.5	31,568	26,855	17.5	4,543	2,992	51.8	32,507	27,360	18.8
Insulation Materials	33,966	34,542	-1.7	273,929	285,275	-4.0	35,178	34,335	2.5	284,275	289,733	-1.9
Foundry & Shell Molding	6,020	3,596	67.4	52,588	30,983	69.7	6,120	3,334	83.6	52,561	31,588	66.4
Plywood	D3	119,547		D3	985,959		D3	118,478		D3	985,680	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	1,309		D3	10,105		D3	1,076		D3	10,246	
All Other	159,136	31,423	N/C	1,351,027 R	260,834	N/C	164,415	31,622	N/C	1,355,561 R	262,951	N/C
Protective Coatings - Unmodified & Modified	D2	1,146		D2	8,882		D2	1,132		D2	8,569	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,408	2,494	N/C	25,570	18,630	N/C	3,345	2,685	N/C	25,827	21,635	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.

D2 = Disclosure: Included in All Other Uses.

D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.

N/C = Not Comparable.

R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	655,830	596,952	9.9	4,708,119	4,488,623	4.9	634,880	524,568	21.0	4,931,498	4,478,532	10.1
Imports, Total							22,189	11,183	98.4	122,566	68,979	77.7
Exports, Total	81,906	73,878	10.9	547,954	589,498	-7.0						
Domestic, Total	573,924	523,074	9.7	4,160,165	3,899,125	6.7	612,691	513,385	19.3	4,808,932	4,409,553	9.1
Film (12 Mils & Below)	339,127	304,356	11.4	2,446,413	2,214,351	10.5						
Packaging Film	228,870	203,943	12.2	1,666,815	1,503,398	10.9						
Food Packaging Film	96,784	98,095	-1.3	776,260	718,915	8.0						
Non-Food Packaging Film	106,631	85,347	24.9	700,898	629,492	11.3						
Shrink Film	13,895	D10		104,912	D10							
Stretch Film	11,560	20,501	N/C	84,745	154,991	N/C						
Non-Packaging Film	110,257	100,413	9.8	779,598	710,953	9.7						
Carry-Out Bags	16,111	9,527	69.1	88,716	77,808	14.0						
Trash and Can Liners	35,560	32,099	10.8	244,790	249,154	-1.8						
Other Non-Packaging Film	58,586	58,787	-0.3	446,092	383,991	16.2						
Sheet (Over 12 Mils)	7,276	5,413	34.4	48,735	59,163	-17.6						
Injection Molding	33,445	35,439	-5.6	249,011	265,871	-6.3						
Injection Molded Lids	7,469	4,452	67.8	53,408	34,568	54.5						
Injection Molded Housewares	4,059	4,198	-3.3	32,477	35,168	-7.7						
Other Injection Molding	21,917	26,789	-18.2	163,126	196,135	-16.8						
Wire and Cable	22,210	D5		179,066	D5							
Extrusion Coating	65,271	D5		505,894	D5							
Blow Molding	5,560	4,983	11.6	41,376	42,959	-3.7						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	8,636	89,538	N/C	60,665	704,079	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	61,903	50,473	22.6	381,606	362,741	5.2						
Resellers	44,092	40,763	8.2	266,922	280,008	-4.7						
Compounders	17,811	9,710	83.4	114,684	82,733	38.6						
Adhesives and Sealants	9,844	D2		71,817	D2							
All Other Uses	20,652	32,872	N/C	175,582	249,961	N/C						

D2 = Disclosure: Included in All Other Uses.

D10 = Disclosure: Included in Stretch Film.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales include imports.

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	435,716	335,838	29.7	3,042,700	2,416,786	25.9	403,201	266,361	51.4	3,038,735 R	2,412,297	26.0
Imports, Total							72,503	49,936	45.2	551,927	426,790	29.3
Exports, Total	21,611	12,739	69.6	151,644	99,922	51.8						
Domestic, Total	414,105	323,099	28.2	2,891,056	2,316,864	24.8	330,698	216,425	52.8	2,486,808 R	1,985,507	25.2
Film (12 Mils & Below)	266,880	208,461	28.0	1,892,157	1,475,569	28.2						
Packaging Film	114,285	92,176	24.0	822,465	680,897	20.8						
Food Packaging Film	19,897	16,038	24.1	144,198	123,003	17.2						
Non-Food Packaging Film	66,115	52,195	26.7	457,248	383,850	19.1						
Shrink Film	D10	D10		D10	D10							
Stretch Film	28,273	23,943	18.1	221,019	174,044	27.0						
Non-Packaging Film	152,595	116,285	31.2	1,069,692	794,672	34.6						
Carry-Out Bags	22,314	15,540	43.6	162,570	124,646	30.4						
Trash and Can Liners	99,861	79,641	25.4	702,286	537,616	30.6						
Other Non-Packaging Film	30,420	21,104	44.1	204,836	132,410	54.7						
Sheet (Over 12 Mils)	2,319	1,792	29.4	11,630	20,542	-43.4						
Injection Molding	54,540	41,340	31.9	353,300	280,773	25.8						
Injection Molded Lids	17,792	18,837	-5.5	123,154	134,657	-8.5						
Injection Molded Housewares	23,724	17,196	38.0	150,355	99,721	50.8						
Other Injection Molding	13,024	5,307	145.4	79,791	46,395	72.0						
Wire and Cable	11,637	D5		96,801	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,900	2,111	-10.0	19,511	12,123	60.9						
Pipe and Conduit, Total	3,796	D5		40,200	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,618	20,303	N/C	21,603	161,115	N/C						
Rotomolding	32,541	D2		216,125	D2							
Resellers & Compounders, Total	25,171	13,950	80.4	159,207	125,997	26.4						
Resellers	11,219	9,429	19.0	76,940	88,944	-13.5						
Compounders	13,952	4,521	208.6	82,267	37,053	122.0						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	12,703	35,142	N/C	80,522	240,745	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

D10 = Disclosure: Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

N/C = Not Comparable

R = Revision

PAGE 6

SECTION II - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940, TOTAL	798,133	723,448	10.3	5,572,148	5,322,046	4.7	721,324	731,696	-1.4	5,423,434	5,492,050	-1.2
Exports, Total	65,979	96,485	-31.8	450,399	566,129	-20.4						
Domestic, Total	732,154	626,963	16.8	5,121,749	4,755,917	7.7						
Film (12 Mils & Below)	79,262	67,366	17.7	585,824	513,304	14.1						
Packaging Film	19,990	18,325	9.1	159,913	129,940	23.1						
Food Packaging Film	14,135	13,393	5.5	110,279	89,757	22.9						
Non-Food Packaging Film	5,855	4,932	18.7	49,634	40,183	23.5						
Non-Packaging Film	59,272	49,041	20.9	425,911	383,364	11.1						
Retail Bags	45,270	22,193 F	N/C	314,366	192,041 F	N/C						
Grocery Sacks & T-Shirt Bags	20,469	N/A		161,524	N/A							
All Other Retail Bags	9,055	N/A		45,492	N/A							
Trash Bags/Can Liners	15,746	D9		107,350	D9							
All Other Non-Packaging Film	14,002	26,848	N/C	111,545	191,323	N/C						
Sheet (Over 12 Mils)	33,226	27,224	22.0	260,921	208,092	25.4						
Injection Molding, Total	147,270	121,738	21.0	1,042,171	947,930	9.9						
Pails (5 gallons or less)	39,711	37,316	6.4	294,653	285,355	3.3						
Housewares	9,143	10,900	-16.1	70,052	73,808	-5.1						
Food Tubs/Containers & Drink Cups	27,905	19,782	41.1	207,343	165,538	25.3						
Crates and Totes	21,538	14,739	46.1	134,963	110,994	21.6						
Toys/Novelties/Sporting Goods	5,229	N/A		40,372	N/A							
Caps and Closures	10,013	N/A		72,255	N/A							
All Other Injection Molding	33,731	38,999	N/C	222,533	312,235	N/C						
Wire and Cable	15,103	14,976	0.8	116,717	106,226	9.9						
Blow Molding, Total	264,200	247,418	6.8	1,896,729	1,926,089	-1.5						
Motor Oil Bottles	20,138	20,338	-1.0	147,874	129,792	13.9						
Liquid Food Bottles	90,354	76,258	18.5	634,372	599,823	5.7						
Household Chemical Bottles	81,798	77,240	5.9	592,434	589,263	0.5						
Industrial Drums	11,553	21,099 G	N/C	87,612	173,819 G	N/C						
Gas Tanks, All Uses	2,903	N/A		22,849	N/A							
Pharm., Cosmetics, & Toiletries	20,132	N/A		148,848	N/A							
All Other Blow Molding	37,322	52,483	N/C	262,740	433,292	N/C						
Pipe and Conduit, Total	53,411	45,428	17.6	368,625	326,010	13.1						
Corrugated	9,274	8,435	9.9	67,621	60,759	11.3						
Non-Corrugated	44,137	36,993	19.3	301,004	265,251	13.5						
Gas Distribution	14,354	N/A		98,006 R	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	29,783	N/A		202,996 R	N/A							
Other Extruded Products	8,968	6,462	38.8	59,191	47,175	25.5						
Rotomolding	5,605	5,646	-0.7	48,097	46,384	3.7						
Reseller & Compounders, Total	97,507	86,227	47.2	546,152	455,717	19.8						
Resellers	93,822	81,824	51.8	510,948	414,861	23.2						
Compounders	3,685	4,403	-16.3	35,204	40,856	-13.8						
All Other HDPE	27,602	24,478	12.8	197,322	178,990	10.2						

D9 = Disclosure: Included in Other Non-Packaging Film.

D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

N/C = Not Comparable.

N/A = Not Available

R = Revision

F = Reported as Carry Out Bags in 1989.

G = Reported as Large Containers in 1989.

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	758,283	606,265	25.1	5,450,115	4,824,708	13.0	653,339	562,587	16.1	5,473,971	4,857,196	12.7
Exports, Total	136,507	66,232	106.1	1,005,165	747,694	34.4						
Domestic, Total	621,776	540,033	15.1	4,444,950	4,077,014	9.0						
Injection Molding, Total	180,817	149,963	20.6	1,308,875	1,205,924	8.5						
Appliances	16,804	12,599	33.4	121,635	107,717	12.9						
Consumer Products	62,681	48,480	29.3	430,913	374,604	15.0						
Rigid Packaging	59,085	52,374	12.8	440,883	413,600	6.6						
Transportation	27,009	21,639	24.8	196,790	184,732	6.5						
All Other Injection Molding	15,238	14,871	2.5	118,654	125,271	-5.3						
Blow Molding	15,336	11,227	36.6	100,678	83,052	21.2						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	52,067	50,628	2.8	397,170	401,340	-1.0						
Oriented Film	43,388	40,277	7.7	321,668	309,529	3.9						
Non-Oriented Film	8,679	10,351	-16.2	75,502	91,811	-17.8						
Sheet (Over 10 Mils), Total	10,703	8,814	21.4	89,548	84,815	5.6						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	2,497	D5		14,495	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	189,596	185,188	2.4	1,408,571	1,323,966	6.4						
Textile Applications	177,375	175,558	1.0	1,327,372	1,257,400	5.6						
Nonwovens	45,444	44,287	2.6	396,337	331,232	19.7						
Monofilament & Multifilament Fibers	64,690	71,857	-10.0	468,947	568,715	-17.5						
Slit Film Fibers	67,241	59,414	13.2	462,088	357,453	29.3						
Non-Textile Monofilaments	12,221	9,630	26.9	81,199	66,566	22.0						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	11,126	7,872	N/C	82,908	64,929	N/C						
Resellers/Distributors/Compounders, Total	148,142	118,586	24.9	993,734	865,795	14.8						
Resellers	55,837	81,787 C	N/C	367,594	592,101 C	N/C						
Distributors	37,190	N/A		262,059	N/A							
Compounders	55,115	36,799	49.8	364,081	273,694	33.0						
All Other Uses	11,492	7,755	48.2	48,971	47,193	3.8						

D5 = Disclosure: Included in Other Extruded Products.

D = Disclosure

C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable

N/A = Not Available

R = Revision

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL	467,658	447,868	4.4	3,490,083	R 3,478,383	0.3	426,445	418,811	1.8	3,354,895	R 3,465,672	-3.2
Crystal (Solid) Polystyrene	253,712	241,945 A	N/C	1,873,280	R 1,868,932 A	N/C	170,718	219,249 A	N/C	1,319,333	R 1,883,628 A	N/C
Rubber Modified Polystyrene	213,946	205,923	3.9	1,616,803	R 1,609,451	0.5	194,759	199,562	-2.4	1,558,783	R 1,582,044	-1.5
Expandable Polystyrene	D13			D13			60,968			476,779	R	
Exports, Total	17,902	22,110	-19.0	122,111	142,593	-14.4						
Crystal (Solid) Polystyrene	10,713	11,506 A	N/C	70,228	78,530 A	N/C						
Rubber Modified Polystyrene	7,189	10,604	-32.2	51,883	64,063	-19.0						
Expandable Polystyrene	D13			D13								
Domestic, Total	449,756	425,758	5.6	3,367,972	R 3,335,790	1.0						
Molding	160,931	175,118	-8.1	1,174,150	R 1,359,742	-13.6						
Extrusion	220,736	179,479	23.0	1,639,535	R 1,411,573	16.1						
Expandable Polystyrene	56,883	61,474	-7.5	458,554	R 459,968	-0.3						
Block	25,221	27,030	-6.7	177,398	174,559	1.6						
Shape	11,800	12,016	-1.8	101,494	97,919	3.7						
Loose Fill	D6	D6		D6	D6							
Other EPS	19,862	22,428	-11.4	179,662	R 187,490	-4.2						
All Other Uses	11,146	9,687	15.1	95,733	R 104,507	-8.4						
Polystyrene End-Uses, Total	449,756	425,758	5.6	3,367,972	R 3,335,790	1.0						
Packaging & One Time Use	177,616	168,171 B	5.6	1,315,047	R 1,298,088 B	1.3						
Consumer & Institutional Products	51,507	58,875	-12.5	357,321	R 487,066	-26.6						
Electrical/Electronics	59,113	49,644	19.1	457,771	418,924	9.3						
Furniture, Furnishings, Bldg. & Construction	29,504	33,537	-12.0	217,409	208,625	4.2						
Expandable Polystyrene	56,883	61,474	-7.5	458,554	R 459,968	-0.3						
Resellers and Compounders	58,789	44,464	32.2	416,923	R 350,566	18.9						
All Other End-Uses	16,344	9,593	70.4	144,947	R 112,553	28.8						

D6 = Disclosure: Included in Other EPS

D13 = Included in Crystal(Solid) Polystyrene

A = Reported as Straight Polystyrene in 1989.

B = Consists of Packaging & Disposable Food Serveware lines reported in 1989.

N/C = Not Comparable

D = Disclosure

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	101,947	88,267	15.5	795,477	838,847	-5.2	91,629	94,895	-3.4	779,666	914,155	-14.7
SAN (STYRENE-ACRYLONITRILE), TOTAL	13,268	8,016	65.5	91,078	74,675	22.0	13,634	9,489	43.7	88,139	82,044	7.4
Total Exports	5,139	2,552	101.4	34,071	23,963	42.2						
Total Domestic	8,129	5,464	48.8	57,007	50,712	12.4						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,835	13,424	-4.4	103,348	103,987	-0.6	11,321	11,643	-2.8	95,927	96,310	-0.4
ABS, SAN, & OTHER STYRENICS, TOTAL	128,050	109,707	16.7	989,903	1,017,509	-2.7	116,584	116,027	0.5	963,732	1,092,509	-11.8
Total Exports	N.R. 1	N.R. 1		N.R. 1	N.R. 1							
Total Domestic	128,050	109,707	16.7	989,903	1,017,509	-2.7						
Electrical/Electronics	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
Building & Construction	11,067	9,403	17.7	90,667	102,986	-12.0						
Transportation	32,459	19,519	66.3	256,231	261,414	-2.0						
Consumer & Institutional	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
All Other Uses	84,524	80,785	4.6	643,005	653,109	-1.5						
STYRENE BASED LATEXES, TOTAL*	100,995	92,608	9.1	732,867 R	689,721	6.3	93,099	88,952	4.7	688,579 R	658,656	4.5
Carpet Backing	38,668	32,797	17.9	245,373 R	255,326	-3.9						
All Other Uses	62,327	59,811 J	4.2	487,494 R	434,395 J	12.2						
NYLON RESINS, TOTAL(6)	51,482	45,667	12.7	382,710	393,229	-2.7	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	6,514	6,424	1.4	49,387	52,245	-5.5						
Domestic, Total	44,968	39,243	14.6	333,323	340,984	-2.2	48,301	45,540	6.1	383,895	390,147	-1.6
Injection Molding Grade	26,202	22,658	15.6	195,892	203,144	-3.6						
Extrusion Grade	15,297	13,435	13.9	106,472	100,777	5.7						
Reelers & Compounders	2,710	2,417	12.1	23,864	26,422	-9.7						
All Other Uses	759	733	3.5	7,095	10,641	-33.3						
Nylon End-Uses, Total	44,968	39,243	14.6	333,323	340,984	-2.2						
Automotive and Truck	15,517	N/A		112,646	N/A							
Electrical and Electronic	5,338	N/A		40,305 R	N/A							
Appliances	1,409	N/A		9,522	N/A							
Film and Coating	7,432	N/A		51,970	N/A							
Wire and Cable	3,252	N/A		22,999 R	N/A							
Monofilament	1,884	N/A		14,740	N/A							
Consumer	2,109	N/A		14,153	N/A							
Industrial/Machinery	4,115	N/A		29,858	N/A							
All Other End-Uses	3,912	N/A		37,130	N/A							

N.R.1 - Not Reported; Included in Total Domestic and All Other Uses.

N.R.2 - Not Reported; Included in All Other Uses.

* - Styrene Based Latexes Sales include some Canadian produced material.

J - Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.

R = Revision

N/A = Not Available

(6) - Includes sales from imports.

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT) (E)	808,014	736,980	9.6	6,147,677	5,632,747	9.1	770,956	709,926	8.6	6,043,503	5,674,607	6.5
Homopolymer Resins, Including Blending & Latex	746,584	672,793	11.0	5,687,057	5,156,739	10.3	708,932	650,809	8.9	5,570,140	5,196,954	7.2
Copolymer Resins, Including Blending & Latex	16,049	18,126	-11.5	130,981	145,123	-9.7	18,639	15,232	22.4	131,083	142,754	-8.2
Dispersion Resins	45,381	46,061	-1.5	329,639	330,885	-0.4	43,385	43,885	-1.1	342,280	334,899	2.2
Exports, Total	78,427	82,642	-5.1	589,433	496,090	18.8						
Domestic, Total	729,587	654,338	11.5	5,558,244	5,136,657	8.2						
Calendering, Total	94,044	89,295	5.3	648,194	605,694	7.0						
Flooring	17,634	19,656	-10.3	146,256	141,200	3.6						
Textile	9,004	8,147	10.5	69,961	82,056	-14.7						
All Other Calendering Uses	67,406	61,492	9.6	431,977	382,438	13.0						
Coating, Total	30,393	31,118	-2.3	223,117	243,383	-8.3						
Flooring	13,148	13,830	-4.9	100,090	101,582	-1.5						
Textile and Paper Coating	8,689	9,409	-7.7	61,406	71,859	-14.5						
Protective Coatings	4,341	4,174	4.0	30,774	34,544	-10.9						
Adhesives & All Other Coating Uses	4,215	3,705	13.8	30,847	35,398	-12.9						
Extrusion, Total	498,321	430,367	15.8	3,791,749	3,462,981	9.5						
Wire and Cable	32,885	33,701	-2.4	252,862	259,492	-2.6						
Film and Sheet, Packaging	22,593	25,645	-11.9	204,759	215,936	-5.2						
Film and Sheet, Non-Packaging	3,211	3,893	-17.5	28,721	35,681	-19.5						
Siding, Siding Acc. & Mobile Home Skirting	74,047	65,393	13.2	568,557	516,233	10.1						
Rigid Pipe and Tubing (except fittings)	310,982	251,142	23.8	2,334,264	2,070,095	12.8						
All Other Extrusion Uses	54,603	50,593	7.9	402,586	365,544	10.1						
Molding, Total	45,887	42,992	6.7	355,598	351,705	1.1						
Bottles	19,430	19,302	0.7	151,582	144,825	4.7						
Fittings (Rigid Pipe and Tubing)	16,976	10,854	56.4	121,591	103,264	17.7						
All Other Molding Uses	9,481	12,836	-26.1	82,425	103,616	-20.5						
Paste Processes (except coating), Total	15,860	15,125	4.9	119,089	119,216	-0.1						
Plastisol Formulation	8,428	8,227	2.4	65,242	63,770	2.3						
All Other Paste Process Uses	7,432	6,898	7.7	53,847	55,446	-2.9						
Resellers & Compounders	31,592	27,653	14.2	235,125 R	214,317	9.7						
All Other Uses	13,490	17,788	-24.2	185,372 R	139,361	33.0						

E = Estimate - Data includes estimates for one company.

R = Revision.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

PAGE 11

SECTION II - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

CRS

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	16,526	17,100	-3.4	127,980	134,545	-4.9	17,939	19,133	-6.2	144,744	150,042	-3.5
Exports, Total	6,035	5,344	12.9	45,549	46,978	-3.0						
Domestic, Total	10,491	11,756	-10.8	82,431	87,567	-5.9						
THERMOPLASTIC POLYESTER, TOTAL (6)	148,912	150,987	-1.4	1,246,530	1,132,462	10.1	161,293	120,047	34.4	1,240,212	1,078,879	15.0
Exports, Total	30,012	31,808	-5.6	243,063	199,838	21.6						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	118,900	119,179	-0.2	1,003,467	932,624	7.6						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	78,634	81,317	-3.3	697,379	627,025	11.2						
PET/PBT Resellers & Compounders	N.R.4	N/A		N.R.4	N/A							
All Other Thermoplastic Polyester	40,266	37,862	6.3	306,088	305,599	0.2						

(2) - The publishing of PVAC data has been suspended.

(3) - The publishing of PVOH data has been suspended.

(4) - Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) - Includes sales from imports.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins ^{SPI}

1275 K Street, N.W., #400
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FOR THE MONTH AND PERIOD ENDED

JULY 31, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: October 12, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

JULY 1990

RESIN KIND	JULY				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	44.8	30.6	2.1	5.5	299.2	225.8	10.1	41.6
POLYESTER (UNSATURATED) RESINS, TOTAL	96.6	92.3	0.7	7.1	740.5	717.0	4.1	59.0
UREA RESINS, TOTAL **	121.2	115.2	1.4	3.2	900.9	869.2	12.3	24.0
MELAMINE RESINS, TOTAL **	16.1	14.8	0.3	1.3	116.4	99.7	2.6	8.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	253.5	250.9	3.6	6.5	1,767.5	1,745.8	24.9	58.2
THERMOSETTING RESINS, TOTAL	532.2	503.8	8.1	23.6	3,824.5	3,657.5	54.0	191.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	621.7	490.4	20.3	52.9	4,196.2	3,586.2	142.0	450.1
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	332.9	341.1	57.3	16.3	2,185.2	2,477.0	482.1	150.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	712.5	653.0	50.7	61.3	4,702.1	4,389.6 R	302.3	500.7
POLYPROPYLENE, TOTAL	660.2	522.2	4.6	109.6	4,820.7	3,823.2	35.6	974.8
ABS RESINS, TOTAL **								
(ACRYLONITRILE-BUTADIENE-STYRENE)	109.8	101.4	6.8	21.2	688.0 R	653.5 R	47.9	99.9
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	11.4	6.7	0.4	6.7	74.5	48.9 R	4.0	44.4
OTHER STYRENICS **	90.8	93.9	0.3	14.4	678.8	722.7	2.7	100.4
POLYSTYRENE RESINS, TOTAL	440.9	418.7	7.5	18.4	2,930.8	2,920.3	49.8	167.6
NYLON RESINS, TOTAL (6)	49.4	38.7	8.4	12.2	335.6	288.4	45.0	91.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	711.7	644.7	17.0	66.5	5,272.6	4,828.7	85.5	537.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	15.2	8.9	N/A	N/A	126.8	71.9	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	153.7	121.5	7.4	38.9	1,078.9	884.6	40.4	263.1
THERMOPLASTIC RESINS, TOTAL	3,910.2	3,441.2	180.7	418.4	27,090.2 R	24,735.0 R	1,237.3	3,380.9
GRAND TOTAL	4,442.4	3,945.0	188.8	442.0	30,914.7 R	28,392.5 R	1,291.3	3,572.5

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH + PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

R = Revision

Sources: Sales and Production - SPI Monthly Statistical Report

Imports - Bureau of the Census (IM 145)

Exports - Bureau of the Census (EM 645)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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